THE

HEMIPTERIST

A JOURNAL ON THE NATURAL HISTORY OF THE HEMIPTERA OF THE BRITISH ISLES

Volume 12 (2025)

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Cover photograph: *Ilyocoris cimicoides* (Linnaeus) (Hemiptera: Naucoridae).

'What is a man, if his chief good and market of his time be but to sleep and feed? A beast, no more!'
William Shakespeare (*Hamlet*, Act IV, Scene IV).

CONTENTS

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (24) the Miridae genera from *Psallus* to *Zygimus*. R. P. RYAN 1-133

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (25) the family Ceratocombidae. R. P. RYAN 134-137

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (26) the family Dipsocoridae. R. P. RYAN 138-143

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (27) the family Saldidae. R. P. RYAN 144-199

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (33) the family Gerridae. R. P. RYAN 200-249

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (34) the family Nepidae. R. P. RYAN 250-265

A review of the published records for the Hemiptera-Heteroptera of the British Isles: (35) the family Naucoridae. R. P. RYAN 266-276

Harpocera thoracica (Fallén) (Hemiptera: Miridae) new to Stirlingshire (VC86). R. P. RYAN 277

New vice-county records of Hemiptera-Heteroptera. STEVE LANE 277-278

Southern Green Shieldbug *Nezara viridula* Linnaeus (Hemiptera: Pentatomidae) as a presumed import in Aberdeenshire. NICK A. LITTLEWOOD 278-279

Correction. R. P. RYAN 280

A late correction. R. P. RYAN 280

Additions for Moray (VC95) in the Atlas of the Hemiptera-Heteroptera of the British Isles. JOE GRAY 280

Recent record of *Notochilus limbatus* Fieber (Hemiptera: Lygaeidae) from the New Forest. JONTY DENTON 280

New vice-county records published in other journals. R. P. RYAN 280

Sigara iactans Jansson (Hemiptera: Corixidae) in Wales. KEVIN ROWLEY 281-282

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A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (24) THE MIRIDAE GENERA FROM *PSALLUS* TO *ZYGIMUS*

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Introduction

This is the 24th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Miridae genera *Psallus* to *Zygimus*, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15, Hem5:114-118 & Hem6:223-229) are listed separately, under a heading marked ‘AMBIGUOUS’. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Psallus albicinctus (Kirschbaum) (Miridae)

05F: 31 May 2002 [Common Meadow, VC11. Hem3:108]
06A: 3 June 1948 [Arbrook Common, Surrey. LondonHets] 5 June 2011 [New Marston Meadows, Oxford, Oxfordshire. BJENH26:246]
06B: 10 June 1954 [Ditton Park, Buckinghamshire. Adult. EMM91:65] 6 June 2012 [New Marston Meadows, Oxford, Oxfordshire. BJENH26:246]
06C: 11 June 2010 [Kingwood Common, Stoke Row, Oxfordshire Chilterns. BJENH26:246] 15 June 2015 [The Chase, Broad Layings, VC12. Hem3:55]
06D: 19 June 1953 [Gt Braxted, Essex. LondonHets] 17 June 2000 [Old Hinchwick, VC33. BJENH19:34-37] 20 June 2012 [Savernake Forest, VC7. BJENH26:246]
06E: 25 June 1948 [Barnes Common, Surrey. LondonHets]
06F: 27 June 1981 [Gravenhurst, Bedfordshire. Male. HSGN3:5]
07C: 13 July 1892 [Chobham. Female. EMM28:258]
07E: 22 July 1984 [Redgrave Fen, mainly along N edge, VC27. Hem4:44]

Psallus ambiguus (Fallén) (Miridae)

03E: 25 March 1961 [East Malling, Kent. Nymph. Ent98:14-31]
05D: 20 May 2014 [Dry Sandford Pit, Dry Sandford, VC22. Nymphs reared in culture. Hem2:50] 20 May 2014 [Dry Sandford Pit, Dry Sandford, VC22. Nymphs reared in culture. Hem2:50] 18

May 2014 [New Marston Meadows, Oxford. Nymphs reared in culture. Hem2:50] 18 May 2014 [New Marston Meadows, Oxford. Nymphs reared in culture. Hem2:50]
05E: 21 May 2015 [New Marston Meadows, Oxford, Oxfordshire. Nymphs reared in culture. Hem3:128]
05F: 29 May 2011 [Fancott Meadows NR, VC30. Adult and nymph. HN17/18:7]
06A: 3 June 1948 [Arbrook Common, Surrey. LondonHets] 4 June 1944 [Chesterton, Gloucestershire. GloucsHets] 4 June 1943 [Daglingworth, Gloucestershire. GloucsHets] 2 June 2014 [Pentimore Wood, Northamptonshire. Hem2:27] 4 June 1952 [Rugby, Warwickshire. EMM93:49-51] 4 June 1943 [Sapperton Canal, Gloucestershire. GloucsHets]
06B: 6 June 1953 [Hampstead Heath, Middlesex. LondonHets] 7 June 2008 [Kingsgate Community Orchard, Holbeton, Devon. BJENH22:121-123] 10 June 1916 [Leith Hill, Surrey. LondonHets] 9 June 2005 [Vernatt's LNR, Spalding, VC53. Hem3:90]
06C: 12 June 1915 [Abinger, Surrey. LondonHets] 11 June 1994 [Chawton, VC12. Hem6:230] 11 June 1944 [Colesbourne, Gloucestershire. GloucsHets] 15 June 1912 [Epping Forest, Essex. LondonHets] 13 June 2014 [Farthinghoe, Northamptonshire. Hem2:27] 14 June 1954 [Grounds of Pest Infestation Laboratory, Slough. LondonHets] 11 June 1949 [Hampstead Heath, Middlesex. LondonHets] 15 June 1967 [Long Ashton Research Station, Bristol. Female. Ent101:202-204] 11 June 1950 [Rickmansworth, Hertfordshire. LondonHets]
06D: 19 June 1915 [Byfleet, Surrey. LondonHets] 16 June 1939 [Capel Bangor, Cardiganshire. Female. EMM92:54-64] 17 June 1954 [Chobham, Surrey. LondonHets] 17 June 1960 [Icknield Way, Lewknor, Oxfordshire. EMM96:128] 18 June 1957 [Ruislip LNR, Middlesex. Nymphs. LondonHets] 17 June 1944 [Sapperton, Gloucestershire. GloucsHets]
06E: 24 June 1951 [Boxhill. PTSLENHS1951-52:xvi] 22 June 2009 [Bulford Field (& Dumbell Copse), VC8. Hem5:190] 22 June 1912 [Burnham Beeches, Buckinghamshire. LondonHets] 24 June 1954 [Datchet, Buckinghamshire. LondonHets] 22 June 1954 [Hounslow Heath, Middlesex. LondonHets]
06F: 26 June 1915 [Abinger, Surrey. LondonHets] 29 June 1918 [Bookham Common, Surrey. LondonHets] 29 June 1922 [Brasted, Kent. LondonHets] 26 June 1984 [Cannop Ponds, Gloucestershire. GloucsHets] 30 June 1968 [Chislehurst, Kent. Male. LondonHets] 26 June 1911 [Epping Forest, Essex. LondonHets] 26 June 1943 [Finchley, Middlesex. LondonHets] 30 June 1941 [Guildford, Surrey. Females. LondonHets] 28 June 1943 [Guildford, Surrey. Male. LondonHets] 26 June 1958 [Hampstead Heath, Middlesex. LondonHets] 26 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 26 June 1950 [St John's Wood, Middlesex. LondonHets] 27 June 1950 [St John's Wood, Middlesex. LondonHets]
07A: 4 July 1953 [Chesham, Buckinghamshire. LondonHets] 5 July 1958 [Elstree, Hertfordshire. Adult male. EMM95:97-100] 5 July 1954 [Harpenden, Hertfordshire. LondonHets] 1 July 1955 [Harpenden, Hertfordshire. LondonHets] 1 July 1950 [St John's Wood, Middlesex. LondonHets] 1 July 1954 [St John's Wood, Middlesex. LondonHets]
07B: 8 July 1949 [Boxhill, Surrey. LondonHets] 7 July 1951 [Chesham, Buckinghamshire. LondonHets] 8 July 1967 [Ruxley gravel pit, Kent. LondonHets] 7 July 1957 [Wyre Forest, Shropshire. EMM94:93]
07C: 11 July 1953 [Amersham, Buckinghamshire. LondonHets] 14 July 1954 [Bricket Wood Common, Hertfordshire. LondonHets] 12 July 1976 [Dagnam Park, Essex. LondonHets] 13 July 1952 [Gt Missenden, Buckinghamshire. LondonHets] 12 July 1922 [Westerham, Kent. LondonHets]
07E: 21 July 1962 [Cowley, Gloucestershire. GloucsHets]
07F: 28 July 1946 [Highgate, Middlesex. LondonHets] 26 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets]
08E: 25 August 1951 [Latimer, Buckinghamshire. LondonHets]
11B: 9 November 1895 [Blackheath, Kent. LondonHets]

Psallus anaemicus Seidenstücker (Miridae)
06D: 18 June 2018 [Near Aldershot Military Cemetery, VC12. Males and females. Hem6:222] 16 June 2014 [Thorpe Park, Peterborough, VC32. HN22:3] 20 June 2015 [West Walk, University Parks, Oxford. Males. Hem3:70] 16 June 2016 [Windsor, VC22. Including males. Hem4:81]

06F: 28 June 2014 [Thorpe Park, Peterborough, VC32. BJENH28:95] 27 June 2015 [Wanstead Flats, VC18. HN23:7] 26 June 2015 [West Walk, University Parks, Oxford. Males and females. Hem3:70]
07A: 4 July 2018 [Beside the Green area on Odiham Common, VC12. Hem6:222] 5 July 2016 [Greenwich Park, VC16. Adults. Hem6:222]
07C: 13 July 2017 [Hyde Park, 'The Meadows', VC21. Hem6:222] 12 July 2015 [West Walk, University Parks, Oxford. Hem3:70]

Psallus assimilis Stichel (Miridae)
05D: 18 May 2014 [New Marston Meadows, Oxford. Nymphs reared in culture. Hem2:50]
05F: 30 May 2011 [Cams Bay, VC11. Males. BJENH25:174] 29 May 2011 [Fancott Meadows NR, VC30. Adult. HN17/18:7]
06B: 9 June 2014 [Bucknell's Wood, Northamptonshire. Hem2:27] 9 June 2014 [Croughton, Northamptonshire. Hem2:27] 10 June 1955 [Englefield Green, Surrey. LondonHets] 6 June 2014 [Whistley Wood, Northamptonshire. Hem2:27]
06C: 15 June 1953 [Epping Forest, Essex. LondonHets]
06E: 23 June 1962 [Beacon Hill, west of Kingsclere, Hampshire. Adults and nymphs. EMM98:163] 24 June 1954 [Ditton Park, Datchet, Buckinghamshire. LondonHets] 24 June 2003 [Felbrigg: Great Wood, VC27. Hem4:44] 22 June 1953 [Stondon Massey, Essex. LondonHets]
06F: 30 June 1954 [Egham, Surrey. LondonHets]
07A: 5 July 1958 [Elstree, Hertfordshire. LondonHets]
07B: 9 July 2003 [Wimpole: Gravel Pits Field, VC29. Hem4:145]
07C: 14 July 1951 [Amersham, Buckinghamshire. Male. LondonHets]
07E: 23 July 1966 [Wychwood Forest, Oxfordshire. EMM104:22]

Psallus betuleti (Fallén) (Miridae)
05E: 25 May 2007 [Leachpond Copse, Botley Wood, VC11. Hem3:108]
08A: 3 August 2013 [Preston Montford FSC, VC40. Hem5:157]

Psallus betuleti/montanus AMBIGUOUS (Miridae)
05D: 20 May 1916 [Byfleet, Surrey. Nymphs. LondonHets] 17 May 1950 [Darenth Wood, Kent. LondonHets]
05E: 21 May 1943 [Hampstead Heath, Middlesex. LondonHets] 24 May 1893 [Santry Demesne, Co Dublin. IrelandHets]
05F: 31 May 1893 [Churchill, Armagh. IrelandHets] 28 May 1893 [Darenth Wood, Kent. LondonHets] 26 May 1953 [Hounslow Heath, Middlesex. LondonHets]
06A: 3 June 1948 [Arbrook Common, Surrey. Female. LondonHets] 5 June 1937 [South Harefield, Middlesex. Adults and nymphs. Ent71:148-153] 3 June 1893 [Woking, Surrey. LondonHets]
06B: 10 June 1911 [Epping Forest, Essex. LondonHets] 7 June 1949 [Esher Common, Surrey. Male. LondonHets] 10 June 1949 [Hampstead Heath, Middlesex. LondonHets] 7 June 1952 [Hodgemoor Wood, Buckinghamshire. EMM90:250] 6 June 1953 [Hodgemoor Wood, Buckinghamshire. LondonHets] 7 June 1932 [Sherwood Forest. EMM68:213-214]
06C: 12 June 1915 [Abinger, Surrey. LondonHets] 11 June 1944 [Colesbourne, Gloucestershire. GloucsHets] 14 June 1913 [Epping Forest, Essex. LondonHets] 14 June 1954 [Grounds of Pest Infestation Laboratory, Slough. LondonHets] 15 June 1893 [Oxshott Heath, Surrey. LondonHets] 14 June 1964 [Ruislip LNR, Middlesex. Male. LondonHets] 13 June 1954 [Stoke Common, Buckinghamshire. LondonHets]
06D: 16 June 1965 [Barnes, Surrey. LondonHets] 19 June 1915 [Byfleet, Surrey. LondonHets] 20 June 1944 [Gomshall, Surrey. LondonHets] 18 June 1957 [Ruislip LNR, Middlesex. LondonHets] 19 June 1958 [Ruislip LNR, Middlesex. LondonHets] 17 June 1944 [Sapperton, Gloucestershire. GloucsHets] 17 June 1933 [Uxbridge, Middlesex. Ent71:148-153]
06E: 21 June 1955 [Bookham Common, Surrey. LondonHets] 22 June 1897 [Boxhill, Surrey. LondonHets] 22 June 1950 [Hampstead Heath, Middlesex. LondonHets] 22 June 1925 [Oxshott

Heath, Surrey. LondonHets] 25 June 1932 [Potter Hanworth, Lincolnshire. EMM68:213-214] 21 June 1918 [Weybridge, Surrey. LondonHets] 22 June 1933 [Woking, Surrey. LondonHets]
06F: 26 June 1915 [Abinger, Surrey. LondonHets] 26 June 1958 [Hampstead Heath, Middlesex. LondonHets] 30 June 1951 [Oxshott. PTSLENHS1951-52:73-74] 28 June 1957 [Virginia Water, Surrey. LondonHets]
07A: 1 July 1943 [Albury, Surrey. LondonHets] 3 July 1922 [Byfleet, Surrey. LondonHets] 2 July 1924 [Byfleet, Surrey. LondonHets]
07B: 6 July 1935 [Bookham Common, Surrey. LondonHets] 7 July 1894 [West Wickham Wood, Kent. Male/female. LondonHets]
07C: 11 July 1895 [Chobham, Surrey. LondonHets] 13 July 1943 [Guildford, Surrey. LondonHets] 11 July 1954 [Hodgemoor Wood, Buckinghamshire. LondonHets]
07D: 17 July 1943 [Albury, Surrey. LondonHets] 20 July 1946 [Ashtead Common, Surrey. Female. LondonHets]
07E: 24 July 1956 [Ruislip LNR, Middlesex. Both sexes. LondonHets] 23 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets] 21 July 1894 [West Wickham Wood, Kent. Male/female. LondonHets]
08A: 3 August 1965 [Joyden's Wood, Bexley, Kent. LondonHets]

Psallus confusus Rieger (Miridae)
06C: 13 June 1959 [High Halstow, Kent. PTSLENHS1959:81-82]
06E: 25 June 2006 [Linwood Warren, main entrance, VC54. Hem3:90] 23 June 1990 [Shalfleet, VC10. Hem3:52] 22 June 1995 [Twyford Forest, near Colsterworth, VC53. Hem3:90]
06F: 28 June 2002 [Wickham Common, VC11. Hem3:108]
07E: 24 July 1987 [Beccles, NW of, VC27. Hem4:44]

Psallus confusus/mollis AMBIGUOUS (Miridae)
06B: 10 June 1916 [Leith Hill, Surrey. LondonHets]
06C: 15 June 1912 [Epping Forest, Essex. LondonHets]
06D: 17 June 1945 [Finchley, Middlesex. LondonHets] 18 June 1957 [Ruislip LNR, Middlesex. Adults. LondonHets] 19 June 1958 [Ruislip LNR, Middlesex. Adults. LondonHets]
06E: 22 June 1911 [Epping Forest, Essex. LondonHets]
07A: 3 July 1965 [Joyden's Wood, Bexley, Kent. LondonHets] 4 July 1965 [Knole Park, Sevenoaks, Kent. LondonHets]
07B: 7 July 1951 [Amersham, Buckinghamshire. EMM90:250] 8 July 1955 [Nonsuch Park, Cheam, Surrey. LondonHets] 10 July 1924 [Tooting Bec, Surrey. LondonHets] 10 July 1954 [Virginia Water, Surrey. LondonHets]
07D: 19 July 1936 [Little Gaddesden, Hertfordshire. LondonHets]
07E: 24 July 1956 [Ruislip LNR, Middlesex. Adults. LondonHets]
07F: 29 July 1934 [Harpenden, Hertfordshire. LondonHets]
09C: 12 September 1954 [Egham, Surrey. LondonHets]
09F: 28 September 1931 [Bookham Common, Surrey. LondonHets]

Psallus falleni Reuter (Miridae)
06D: 19 June 1915 [Byfleet, Surrey. Nymph. LondonHets]
06F: 26 June 1933 [Berkhamsted Common, Hertfordshire. LondonHets]
07B: 9 July 1963 [Farningham Wood, Kent. LondonHets]
07C: 15 July 1911 [Epping Forest, Essex. LondonHets]
07D: 20 July 1936 [Berkhamsted Common, Hertfordshire. LondonHets] 20 July 1952 [Latimer, Buckinghamshire. EMM90:250] 20 July 1983 [Two Mile Bottom, VC28. Hem4:23]
07E: 21 July 1983 [Santon Warren, VC28. Hem4:23]
07F: 26 July 1895 [Shirley Common, Surrey. LondonHets]
08A: 3 August 2010 [Fleet Pond NR, Fleet, VC12. Hem3:55] 2 August 1964 [Ruislip LNR, Middlesex. LondonHets]
08C: 15 August 1950 [Hampstead Heath, Middlesex. LondonHets] 11 August 1894 [Lee, Kent. LondonHets] 14 August 1897 [Shirley Common, Surrey. LondonHets]

08D: 19 August 1985 [Newnham, Gloucestershire. GloucsHets]
08E: 24 August 1916 [Oxhey, Hertfordshire. LondonHets]
08F: 29 August 1896 [Boxhill, Surrey. LondonHets] 30 August 1903 [Oxshott Heath, Surrey. LondonHets] 28 August 1897 [Shirley Common, Surrey. LondonHets] 27 August 1906 [Tuddenham Fen, Suffolk. SuffolkHetsAnn]
09A: 1 September 1894 [Shirley Common, Surrey. LondonHets]
09B: 8 September 1992 [Whixall Moss, VC40. Hem5:157]
09C: 11 September 1951 [Wimbledon Common, Surrey. LondonHets]
09E: 21 September 1928 [Chapelizod, Co Dublin. IrelandHets]
10A: 1 October 1954 [Tregaron Bog, Cardiganshire. Female. EMM92:54-64]
10B: 9 October 1955 [Bookham Common, Surrey. LondonHets] 6 October 1915 [Mickleham, Surrey. LondonHets]

Psallus flavellus Stichel (Miridae)
06D: 16 June 1964 [Amersham, Buckinghamshire. LondonHets]
06E: 22 June 1993 [Morton Pool, VC40. Hem5:157]
07B: 10 July 1954 [Birling, Kent. LondonHets] 10 July 2001 [Dizzard Wood, Cornwall. CornwallHets] 8 July 2001 [Retire Common, Cornwall. CornwallHets] 10 July 1954 [Virginia Water, Surrey. LondonHets] 9 July 2003 [Wimpole: Gravel Pits Field, VC29. Hem4:145]
07C: 12 July 2007 [Botley Wood, VC11. Hem3:108] 14 July 1951 [Coleshill, Buckinghamshire. Females. LondonHets]
07D: 18 July 2004 [College Wood, VC54. Hem3:90]
07E: 25 July 1982 [Normanton Barracks, Derby. Adults. EMM127:38] 22 July 1984 [Redgrave Fen, mainly along N edge, VC27. Hem4:44]
08E: 24 August 1984 [Leyton Flats, East of London, VC18. Adults. EMM127:38]
09C: 12 September 1954 [Horton, Buckinghamshire. LondonHets]

Psallus haematodes (Gmelin) (Miridae)
06E: 21 June 1899 [Tullyarden, East Donegal. IrelandHets]
07B: 9 July 1898 [Abbey Wood, Kent. LondonHets] 9 July 1939 [Welshpool, Montgomeryshire. Female. EMM92:54-64]
07C: 13 July 1952 [Amersham, Buckinghamshire. LondonHets] 12 July 1952 [Harefield, Middlesex. LondonHets] 14 July 1953 [Hounslow Heath, Middlesex. LondonHets]
07D: 16 July 1898 [Abbey Wood, Kent. LondonHets] 17 July 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 18 July 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 20 July 1952 [Latimer, Buckinghamshire. LondonHets] 18 July 1964 [Ruislip LNR, Middlesex. Adults. LondonHets]
07E: 23 July 1944 [Bushey, Hertfordshire. LondonHets] 23 July 1944 [Cotswold Park, Gloucestershire. GloucsHets]
07F: 30 July 1898 [Abbey Wood, Kent. LondonHets] 29 July 1950 [Bookham. PTSLENHS1950-51:75-76] 27 July 1952 [Holmer Green, Buckinghamshire. LondonHets] 30 July 1934 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 26 July 1960 [Scratch Wood, Middlesex. Adults and nymphs. EMM97:65-71]
08A: 3 August 1918 [Boxhill, Surrey. LondonHets] 3 August 1960 [Flitton, Bedfordshire. PTSLENHS1960:111-123] 4 August 1943 [Hampstead, Middlesex. LondonHets] 3 August 1922 [Wimbledon Common, Surrey. LondonHets]
08B: 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 8 August 1953 [Grounds of Pest Infestation Laboratory, Slough. LondonHets] 8 August 1979 [Sweat Mere, VC40. Hem5:157]
08C: 15 August 1916 [Buckhurst Hill, Essex. LondonHets] 11 August 1916 [Chorleywood, Hertfordshire. LondonHets] 13 August 1941 [Guildford, Surrey. LondonHets] 12 August 1956 [Scratch Wood, Edgware, Middlesex. LondonHets] 13 August 1951 [West End Common, Surrey. LondonHets]

08D: 16 August 1948 [Bookham Common, Surrey. LondonHets] 16 August 1955 [Bookham Common, Surrey. LondonHets] 16 August 2009 [Lincoln, VC53. Hem3:90] 18 August 1916 [Rickmansworth, Hertfordshire. LondonHets]
08E: 25 August 1951 [Amersham, Buckinghamshire. LondonHets] 25 August 1951 [Latimer, Buckinghamshire. LondonHets] 25 August 2005 [South Penquite Farm, Blisland, Cornwall. CornwallHets]
08F: 29 August 2001 [Botley Wood, VC11. Hem3:108] 26 August 1951 [Harefield, Middlesex. LondonHets]
09A: 5 September 1953 [Chesham, Buckinghamshire. LondonHets] 1 September 1955 [Ruislip LNR, Middlesex. Adults. LondonHets] 4 September 1910 [Wisley, Surrey. LondonHets]
09B: 9 September 1958 [Ruislip LNR, Middlesex. Adults. LondonHets] 10 September 1951 [West End Common, Surrey. LondonHets]
09C: 11 September 1911 [Epping Forest, Essex. LondonHets] 12 September 1951 [Westerham, Kent. LondonHets]
09D: 19 September 1939 [Chobham, Surrey. LondonHets] 20 September 1980 [Golgotham, Cornwall. CornwallHets] 20 September 1992 [Goonhilly Downs, Cornwall. CornwallHets]
09E: 22 September 1956 [Amersham, Buckinghamshire. LondonHets] 21 September 1928 [Chapelizod, Co Dublin. IrelandHets] 21 September 1980 [Erisey Barton, Cornwall. CornwallHets] 23 September 1980 [Main Dale, Cornwall. CornwallHets]
10B: 9 October 1955 [Bookham Common, Surrey. LondonHets]

Psallus helenae Josifov (Miridae)
06D: 18 June 2018 [Near Aldershot Military Cemetery, VC12. Males and females. Hem6:222] 16 June 2014 [Thorpe Park, Peterborough, VC32. BJENH28:95] 20 June 2015 [West Walk, University Parks, Oxford. Males. Hem3:70]
06F: 29 June 2017 [Kensington Gardens, VC21. Hem6:222] 28 June 2014 [Thorpe Park, Peterborough, VC32. HN22:3] 26 June 2015 [West Walk, University Parks, Oxford. Males and females. Hem3:70]
07A: 5 July 2016 [Greenwich Park, VC16. Adults. Hem6:222]
07B: 8 July 2017 [Beside Liphook & Ripsley Cricket pavilion, VC12. Hem6:222]
07C: 12 July 2015 [West Walk, University Parks, Oxford. Hem3:70]
07D: 17 July 2015 [The Chase, Broad Layings, VC12. Hem3:70]

Psallus lepidus Fieber (Miridae)
01B: 10 January 1927 [Phoenix Park, Co Dublin. IrelandHets]
05F: 26 May 1952 [Waverly Wood, Warwickshire. Males. EMM93:49-51]
06A: 1 June 1960 [Hampstead Heath, Middlesex. Nymphs. EMM97:65-71] 3 June 2014 [North Leigh Common, North Leigh, Oxfordshire. Nymphs reared in culture. Hem2:50] 2 June 2014 [Pentimore Wood, Northamptonshire. Hem2:27] 3 June 1960 [Whippendell Wood, Hertfordshire. Adults and nymphs. LondonHets]
06B: 9 June 2014 [Croughton, Northamptonshire. Hem2:27] 7 June 1949 [Esher Common, Surrey. LondonHets] 10 June 1959 [Hampstead Heath, Middlesex. Adults and nymph. EMM97:65-71] 9 June 2014 [Near Croughton, Northamptonshire. Nymphs reared in culture. Hem2:50]
06C: 12 June 1915 [Abinger, Surrey. LondonHets] 13 June 2014 [Farthinghoe, Northamptonshire. Hem2:27] 11 June 1911 [Godalming, Surrey. LondonHets]
06D: 19 June 1943 [Daglingworth, Gloucestershire. GloucsHets] 20 June 1944 [Gomshall, Surrey. LondonHets] 20 June 1943 [Hampstead Heath, Middlesex. LondonHets] 20 June 2001 [Mullion Cove village, Cornwall. CornwallHets] 20 June 1960 [Radlett, Hertfordshire. LondonHets]
06E: 22 June 1933 [Woking, Surrey. LondonHets]
06F: 26 June 1915 [Abinger, Surrey. LondonHets] 30 June 1952 [Arbrook Common, Surrey. LondonHets] 27 June 1960 [Boreham Wood, Hertfordshire. LondonHets] 26 June 1958 [Hampstead Heath, Middlesex. LondonHets] 30 June 1958 [Hampstead Heath, Middlesex. LondonHets] 27 June 1896 [West Wickham Wood, Kent. LondonHets]

07A: 2 July 1916 [Boxhill, Surrey. LondonHets] 3 July 1956 [Elstree, Hertfordshire. LondonHets] 5 July 1955 [Harpenden, Hertfordshire. LondonHets]
07B: 8 July 1949 [Boxhill, Surrey. LondonHets] 6 July 1958 [Elstree, Hertfordshire. Adult males. EMM95:97-100] 7 July 1951 [Latimer, Buckinghamshire. Female. LondonHets] 8 July 2001 [Retire Common, Cornwall. CornwallHets]
07C: 13 July 1895 [Blackheath, Kent. LondonHets] 14 July 1951 [Coleshill, Buckinghamshire. Female. LondonHets]
07D: 16 July 1944 [Iffcomb, Marsden, Gloucestershire. GloucsHets] 17 July 2015 [TL48, VC29. Hem3:99]
07E: 23 July 1944 [Cotswold Park, Gloucestershire. GloucsHets] 22 July 1984 [Redgrave Fen, mainly along N edge, VC27. Hem4:44] 22 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets]
07F: 31 July 1944 [Chilworth, Surrey. LondonHets] 31 July 1979 [Flinton, VC61. Hem4:146]
08A: 3 August 1960 [Ampthill Park, Bedfordshire. PTSLENHS1960:111-123] 2 August 1897 [Headley Lane, Surrey. LondonHets]
08B: 8 August 1979 [Bomere Pool, VC40. Hem5:157] 7 August 1937 [Boxhill, Surrey. LondonHets] 10 August 1916 [Chorley Wood, Hertfordshire. LondonHets]
08D: 19 August 1916 [Chenies, Hertfordshire. LondonHets]
08F: 29 August 1896 [Boxhill, Surrey. LondonHets]

Psallus lucanicus Wagner (Miridae)
06F: 26 June 2015 [West Walk, University Parks, Oxford. Females. Hem3:70]
07A: 5 July 2016 [Greenwich Park, VC16. Adults. Hem6:222]

Psallus luridus Reuter (Miridae)
07A: 4 July 1959 [Callowhill, near Egham, Surrey. LondonHets]
07C: 15 July 2012 [Cobham Frith, near Marlborough, VC7. BJENH26:8] 14 July 2016 [Shirburn Hill, Oxfordshire Chilterns. BJENH31:25-26]
07D: 19 July 1994 [Grove Wood, Chastleton, VC23. Hem5:146] 20 July 1960 [Tollard Royal, Wiltshire. EMM96:152]
07F: 26 July 2007 [Botley Wood, VC11. Hem3:108] 27 July 1971 [Wolds near Kiplingcotes, VC61. EMM108:231]
08B: 7 August 2001 [Bentley Wood, VC38. Hem3:99]
08D: 18 August 1916 [Rickmansworth, Hertfordshire. LondonHets]

Psallus mollis (Mulsant & Rey) (Miridae)
06E: 24 June 2003 [Felbrigg: Great Wood, VC27. Hem4:44] 25 June 2004 [Lindrick, VC63. HN7:15] 25 June 2015 [Pound Street, VC12. Hem3:55]
06F: 29 June 2007 [West Walk (High Lines), VC11. Hem3:108]
07A: 4 July 2001 [Wingfield, VC63. HN7:15] 3 July 2015 [Wyre Forest, Longdon Wood, VC40. Hem5:157]
07C: 11 July 1954 [Ham Street Woods, near Ashford, Kent. Male. EMM93:258-271] 14 July 1981 [Maulden Wood, Bedfordshire. Male. HSGN3:4] 13 July 1956 [Near Sawrey, Watsonian Westmoreland. Male. EMM93:258-271]

Psallus montanus Josifov (Miridae)
05D: 20 May 2014 [Dry Sandford Pit, Dry Sandford, VC22. Nymphs reared in culture. Hem2:50]
05E: 25 May 2011 [Kingwood Common, Stoke Row, VC23. Hem1:15]
05F: 31 May 2008 [Ruislip Woods, Ruislip Lido, VC21. Hem6:217]
06A: 5 June 2011 [New Marston Meadows, Oxford, VC23. Hem1:15]
06B: 7 June 2008 [Chobham Common, VC17. Hem1:15] 9 June 2006 [Isis Towpath, Oxford, VC22. Hem1:15] 10 June 2006 [Isis Towpath, Oxford, VC22. Hem1:15] 6 June 2012 [New Marston Meadows, Oxford, VC23. Hem1:15] 6 June 2010 [University Parks, Oxford, VC23. Hem1:15]

06C: 11 June 2006 [Bald Hill, Aston Rowant NNR, VC23. Hem1:15] 13 June 2012 [Dry Sandford Pit, Dry Sandford, VC22. Hem1:15] 14 June 2010 [Isis Towpath, Oxford, VC22. Hem1:15] 11 June 2010 [Kingwood Common, Stoke Row, VC23. Hem1:15] 11 June 2018 [Odiham Common, VC12. Male. Hem6:230] 12 June 2010 [Rye Meads, Hoddesdon, VC20. Male and females. HN15:10] 12 June 2011 [Rye Meads, VC20. HN17/18:21] 15 June 2010 [Shotover Hill, Oxford, VC23. Hem1:15] 12 June 2006 [University Parks, Oxford, VC23. Hem1:15]
06D: 17 June 2009 [Cockayne Hatley, VC30. Female. HN15:12] 18 June 2010 [Crookham Common, Newbury, VC22. Hem1:15] 17 June 2019 [East Wretham Heath, VC28. Hem6:247] 19 June 2019 [Knettishall Heath Country Park, VC26. Hem6:247] 17 June 2010 [Stoke Common, Stoke Poges, VC23. Hem1:15] 17 June 2006 [The Holies, Streatley, VC22. Hem1:15] 16 June 2010 [The Holies, Streatley, VC22. Hem1:15]
06E: 25 June 2013 [Low Scrubs, Wendover, VC23. Hem1:15]
06F: 29 June 2013 [Enstone Quarry, Enstone, VC23. Hem1:15] 26 June 2008 [Hoseley hall, VC50. Hem6:219] 27 June 2006 [North Leigh Common, North Leigh, VC23. Hem1:15] 28 June 2008 [Sandy Smith Reserve, Chicksands, VC30. HN13:10] 29 June 2001 [Wickham Common, VC11. Hem3:108]
07B: 10 July 2013 [Burnt Platt Wood, Stoke Row, VC23. Hem1:15]
07C: 15 July 2013 [Dry Sandford Pit, Dry Sandford, VC22. Hem1:15] 12 July 2007 [Hitchcopse Pit, Dry Sandford, VC22. Hem1:15] 14 July 2011 [Northchurch Common, Ashridge Estate, VC20. Hem1:15]
07D: 18 July 2009 [Barrow Pit, near Worsborough, Barnsley, VC63. Male. HN15:10]
07E: 23 July 2018 [Camelsdale, VC13. Hem6:232]

Psallus pardalis Seidenstücker (Miridae)
06D: 18 June 2018 [Near Aldershot Military Cemetery, VC12. Hem6:222] 16 June 2016 [Windsor, VC22. Including males. Hem4:81]
06F: 29 June 2017 [Kensington Gardens, VC21. Hem6:222]
07A: 4 July 2018 [Beside the Green area on Odiham Common, VC12. Hem6:222]

Psallus perrisi (Mulsant & Rey) (Miridae)
05D: 17 May 1990 [Valency Valley, Cornwall. CornwallHets]
05F: 28 May 1893 [Darenth Wood, Kent. LondonHets] 27 May 1960 [Epsom Common, Surrey. LondonHets] 29 May 2011 [Fancott Meadows NR, VC30. Adult. HN17/18:7] 26 May 1953 [Hounslow Heath, Middlesex. LondonHets] 31 May 1989 [Tremayne, Cornwall. CornwallHets] 31 May 2002 [Wickham Common, VC11. Hem3:108]
06A: 5 June 1976 [Dagnam Park, Essex. LondonHets] 1 June 1960 [Hampstead Heath, Middlesex. Adults and nymphs. EMM97:65-71] 3 June 1960 [Whippendell Wood, Hertfordshire. Adult and nymphs. EMM97:65-71]
06B: 7 June 1952 [Amersham, Buckinghamshire. Male. LondonHets] 8 June 2000 [Bynorth Cliff, Cornwall. CornwallHets] 9 June 1957 [Hampstead Heath, Middlesex. Adults. LondonHets] 7 June 1964 [Hatfield, Hertfordshire. LondonHets] 6 June 2015 [Ickworth Park, VC26. Hem4:145] 10 June 1955 [Staines, Middlesex. LondonHets]
06C: 13/14 June 1981 [Blean Woods, Kent. PTBENHS15:31-32] 13 June 1918 [Caterham, Surrey. LondonHets] 15 June 1954 [Datchet, Buckinghamshire. LondonHets] 15 June 1953 [Epping Forest, Essex. LondonHets] 13 June 1959 [High Halstow, Kent. PTSLENHS1959:81-82] 15 June 2015 [The Chase, Broad Layings, VC12. Hem3:55] 12 June 1989 [Trelissick, Cornwall. Male. CornwallHets]
06D: 17 June 1959 [Cowley, Gloucestershire. GloucsHets] 19 June 1976 [Dagnam Park, Essex. LondonHets] 18 June 1961 [Farningham Wood, Kent. LondonHets] 16 June 1960 [Hampstead Heath, Middlesex. Adults. EMM97:65-71] 18 June 1905 [Richmond Park, Surrey. LondonHets]
06E: 22 June 1951 [Amersham, Buckinghamshire. Male. LondonHets] 25 June 1978 [Andrews and Meanfield Woods, Soreham, Kent. PTBENHS12:70] 21 June 1955 [Bookham Common, Surrey. LondonHets] 22 June 1977 [Darenth Wood, Kent. LondonHets] 21 June 1959 [Farningham Wood, Kent. LondonHets] 22 June 1963 [Godstone, Surrey. LondonHets] 25 June

2000 [Linwood Warren, mature heather, VC54. Hem3:90] 22 June 1979 [Mitcham Common, Surrey. LondonHets] 22 June 1993 [Morton Pool, VC40. Hem5:157] 22 June 1953 [Stondon Massey, Essex. LondonHets] 24 June [Tomich, Strath Glass, Inverness-shire. EMM100:147]
06F: 28 June 1964 [Ashridge Park, Ivinghoe, Hertfordshire. LondonHets] 29 June 1955 [Harpenden, Hertfordshire. LondonHets] 27 June 2014 [Highgrove, VC34. Hem6:234]
07A: 4 July 1970 [Beechen Wood, Lullingstone Park, Kent. LondonHets] 5 July 1964 [Chippenham Fen, Cambridgeshire. EMM100:182] 1 July 1955 [Harpenden, Hertfordshire. LondonHets] 4 July 1965 [Knowle Park, Kent. PTSLENHS1965:59-60] 1 July 1951 [Penn Wood, Buckinghamshire. Male. LondonHets]
07B: 6 July 1958 [Folkestone, Kent. PTSLENHS1958:73-74]
07C: 13 July 1963 [Milford, Surrey. LondonHets]
07D: 17 July 2015 [The Chase, Broad Layings, VC12. Hem3:55]

Psallus pseudoplatani Reichling (Miridae)
06E: 21 June 2001 [Sunbury Park, Middlesex. Male and female. BJENH16:186]

Psallus quercus (Kirschbaum) (Miridae)
07A: 4 July 1965 [Knowle Park, Kent. PTSLENHS1965:59-60]

Psallus salicis (Kirschbaum) (Miridae)
05D: 20 May 1916 [Byfleet, Surrey. LondonHets] 20 May 1951 [Chesham, Buckinghamshire. LondonHets]
06A: 4 June 1943 [Sapperton Canal, Gloucestershire. GloucsHets]
06B: 9 June 1943 [Baunton, Gloucestershire. GloucsHets]
06D: 18 June 1911 [Coulsdon, Surrey. LondonHets]
06E: 23 June 1899 [Kenmare, South Kerry. IrelandHets]
08A: 4 August 1946 [Stanmore, Middlesex. LondonHets]
08B: 7 August 1897 [Between Catford and Ladywell, Kent. LondonHets] 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 8 August 1953 [Hounslow Heath, Middlesex. Adult. LondonHets] 6 August 1900 [Oxshott, Surrey. LondonHets] 7 August 2017 [River Whitewater, Winchfield, VC12. Hem6:230]
08C: 14 August 1939 [Boxhill, Surrey. LondonHets] 15 August 1943 [Hampstead, Middlesex. LondonHets] 14 August 2004 [Morville Hall, VC40. Hem5:157] 11 August 2009 [River Windrush, near Cogges Manor Farm, Witney, Oxfordshire. ERJV127:31-32]
08D: 20 August 1993 [Hartlebury Common LNR, Worcestershire. EMM133:17-26] 16 August 1995 [Little Comberton, Worcestershire. EG48:23-33]
08E: 25 August 1928 [Clontarf, Co Dublin. IrelandHets] 22-23 August 1955 [Trawscoed, Cardiganshire. Males and females. EMM92:54-64]
08F: 28 August 1904 [Cutler's Wood, Freston, Suffolk. SuffolkHets] 26 August 1916 [Rickmansworth, Hertfordshire. LondonHets] 31 August 2013 [River Cherwell, New Marston Meadows, Oxford. ERJV127:31-32] 27 August 1935 [Uxbridge, Middlesex. Ent71:148-153]
09B: 9 September 1928 [Portmarnock, Co Dublin. IrelandHets]
09C: 14 September 1912 [Cheshunt, Hertfordshire. LondonHets] 12 September 1954 [Egham, Surrey. LondonHets] 12 September 1954 [Horton, Buckinghamshire. LondonHets]
09D: 16 September 1910 [Lewisham, Kent. LondonHets] 18 September 1931 [Loughlinstown, Co Dublin. IrelandHets]
10A: 3 October 1927 [Donabate, Co Dublin. IrelandHets]

Psallus variabilis (Fallén) (Miridae)
06D: 20 June 1960 [Radlett, Hertfordshire. LondonHets]
06E: 21 June 1997 [Alverstone Mead, VC10. Hem3:52] 25 June 2015 [Near Burgclere, VC12. Hem3:55] 23 June 1958 [Whippendell Wood, Hertfordshire. LondonHets]
06F: 30 June 2015 [Osgodby Moor, Heath clearing, VC54. Hem3:90]
07A: 1 July 1960 [Grounds of Pest Infestation Laboratory, Slough. LondonHets] 4 July 1965 [Knowle Park, Kent. PTSLENHS1965:59-60]

07B: 10 July 1955 [Bookham Common, Surrey. LondonHets] 7 July 1954 [Burnham Beeches, Buckinghamshire. LondonHets]
08A: 4 August 1965 [Wychwood Forest, Oxfordshire. EMM104:22]
08D: 19 August 1988 [Wyre Forest, North of Lem Hill, VC40. Hem5:157]

Psallus variabilis/quercus/assimilis/perrisi/wagneri AMBIGUOUS (Miridae)
05E: 24 May 1943 [Perrotts Brook, Gloucestershire. GloucsHets]
05F: 29 May 1949 [Byfleet, Surrey. LondonHets] 28 May 1893 [Darenth Wood, Kent. LondonHets] 27 May 1961 [Ockham Common, Surrey. LondonHets]
06A: 4 June 1939 [Bookwood, Surrey. LondonHets] 5 June 1938 [High Wycombe, Buckinghamshire. LondonHets]
06B: 7 June 1954 [Gogerddan, Cardiganshire. EMM92:54-64] 7 June 1952 [Hodgemoor Wood, Buckinghamshire. Males and females. LondonHets] 7 June 1934 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 8 June 1955 [Penparcau, Cardiganshire. Males, females and nymphs. EMM92:54-64]
06C: 15 June 1948 [Ashstead, Surrey. LondonHets] 11 June 1944 [Colesbourne, Gloucestershire. GloucsHets] 12 June 1939 [Ockham Common, Surrey. LondonHets] 14 June 1951 [Trawscoed, Cardiganshire. Males and females. EMM92:54-64]
06D: 16 June 1952 [Arbrook Common, Surrey. LondonHets] 16 June 1900 [Banstead. PSLENHS1900:11-14] 17 June 1967 [Farningham Wood, Kent. LondonHets] 17 June 1951 [Westerham. PTSLENHS1951-52:72-73]
06E: 25 June 1956 [Burnham Beeches, Buckinghamshire. LondonHets]
06F: 30 June 1954 [Burnham Beeches, Buckinghamshire. LondonHets] 30 June 1951 [Oxshott. PTSLENHS1951-52:73-74] 27 June 1896 [West Wickham Wood, Kent. LondonHets]
07A: 2 July 1932 [Byfleet, Surrey. LondonHets] 2 July 1904 [Ipswich. Adult. EMM40:184] 2 July [Ipswich. Butler1923] 2 July 1901 [Woodstock, Kilkenny. IrelandHets]
07B: 8 July 1939 [Clandon. PTSLENHS1939-40:43-44] 9 July 1951 [West End Common, Surrey. LondonHets]
07C: 11 July 1953 [Speech House, Gloucestershire. GloucsHets]
07E: 21 July 1894 [West Wickham Wood, Kent. LondonHets]
08C: 14 August 1891 [Lewisham, Kent. LondonHets]
09E: 23 September 1951 [Farningham Woods, Kent. PTSLENHS1951-52:81]

Psallus varians (Herrich-Schaeffer) (Miridae)
05C: 15 May 2014 [The Holies, Streatley, Berkshire. Nymphs reared in culture. Hem2:50]
05D: 20 May 1990 [Boconnoc Park, Cornwall. CornwallHets] 18 May 2014 [New Marston Meadows, Oxford. Nymphs reared in culture. Hem2:50] 17 May 2014 [University Parks, Oxford. Nymphs reared in culture. Hem2:50] 17 May 2016 [University Parks, Oxford, Oxfordshire. Nymphs reared in culture. Hem4:127]
05E: 23 May 1943 [Hampstead, Middlesex. LondonHets]
05F: 29 May 2011 [Fancott Meadows NR, VC30. Adult. HN17/18:7] 26 May 1953 [Hounslow Heath, Middlesex. LondonHets] 31 May 1952 [Monks Wood. PTSLENHS1952-53:78-79] 31 May 1989 [Tremayne Woods, Cornwall. CornwallHets] 29 May 1933 [Woking, Surrey. LondonHets]
06A: 3 June 1948 [Arbrook Common, Surrey. LondonHets] 5 June 1915 [Epping Forest, Essex. LondonHets] 1 June 1960 [Hampstead Heath, Middlesex. Adults and nymphs. EMM97:65-71] 1 June 1960 [Hampstead Heath, Middlesex. Adult males and females, and nymphs. LondonHets] 3 June 1960 [Whippendell Wood, Hertfordshire. Adults and nymphs. EMM97:65-71] 2 June 1948 [Wimbledon Common, Surrey. LondonHets]
06B: 7 June 1952 [Amersham, Buckinghamshire. LondonHets] 8 June 1952 [Arbrook Common, Surrey. LondonHets] 9 June 1943 [Baunton, Gloucestershire. GloucsHets] 10 June 1911 [Epping Forest, Essex. LondonHets] 7 June 1954 [Gogerddan, Cardiganshire. EMM92:54-64] 7 June 2014 [Gresford garden, VC50. Hem6:219] 9 June 1957 [Hampstead Heath, Middlesex. Nymph. EMM94:35] 6 June 1964 [Hatfield, Hertfordshire. LondonHets] 7 June 1952 [Hodgemoor Wood, Buckinghamshire. LondonHets] 6 June 1933 [Imperial College Biological

Field Station, Slough. TSBE2:47-67] 7 June 1934 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 6 June 1896 [West Wickham Wood, Kent. LondonHets]

06C: 15 June 1948 [Ashtead Common, Surrey. LondonHets] 11 June 1912 [Burnham Beeches, Buckinghamshire. LondonHets] 11 June 1944 [Colesbourne, Gloucestershire. GloucsHets] 15 June 1954 [Datchet, Buckinghamshire. LondonHets] 15 June 1912 [Epping Forest, Essex. LondonHets] 15 June 1953 [Epping Forest, Essex. LondonHets] 15 June 1957 [Epping Forest, Essex. LondonHets] 13 June 1959 [High Halstow, Kent. PTSLENHS1959:81-82] 14 June 1893 [Santry, Co Dublin. IrelandHets] 12 June 1913 [Shooter's Hill, Blackheath, Kent. LondonHets] 14 June 1970 [Stanford-le-Hope, Essex. PTBENHS4:25] 15 June 2015 [The Chase, Broad Layings, VC12. Hem3:55] 12 June 1989 [Trelissick, Cornwall. CornwallHets] 13 June 1896 [West Wickham Wood, Kent. LondonHets]

06D: 16 June 1952 [Arbrook Common, Surrey. LondonHets] 16 June 1900 [Banstead. PSLENHS1900:11-14] 20 June 1964 [Brooklands, Weybridge, Surrey. LondonHets] 19 June 1915 [Byfleet, Surrey. LondonHets] 18 June 1984 [Chamberline, VC40. Hem5:157] 18 June 1911 [Coulsdon, Surrey. LondonHets] 17 June 1959 [Cowley, Gloucestershire. GloucsHets] 18 June 1910 [Epping Forest, Essex. LondonHets] 16 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 16 June 1979 [Mitcham Common, Surrey. LondonHets] 16 June 1991 [Newbridge, Gloucestershire. GloucsHets] 20 June 1960 [Radlett, Hertfordshire. LondonHets] 20 June 1953 [Riddlesdown, Surrey. LondonHets] 17 June 1944 [Sapperton, Gloucestershire. GloucsHets]

06E: 21 June 1947 [Ashtead Common, Surrey. LondonHets] 24 June 1957 [Boxhill, Surrey. LondonHets] 22 June 1963 [Godstone, Surrey. LondonHets] 21 June 1952 [Harefield, Middlesex. LondonHets] 22 June 1979 [Mitcham Common, Surrey. LondonHets] 25 June 1977 [Northward Hill NNR, Kent. PTBENHS11:67-68] 25 June 2015 [Pound Street, VC12. Hem3:55] 22 June 1952 [Stoke Common, Buckinghamshire. LondonHets] 22 June 1953 [Stondon Massey, Essex. LondonHets] 22 June 1995 [Twyford Forest, near Colsterworth, VC53. Hem3:90] 22 June 1948 [Wimbledon Common, Surrey. LondonHets]

06F: 30 June 1952 [Arbrook Common, Surrey. LondonHets] 28 June 1964 [Ashridge Park, Hertfordshire. LondonHets] 27 June 1960 [Boreham Wood, Hertfordshire. LondonHets] 26 June 1954 [Egham, Surrey. LondonHets] 29 June 1953 [Esher Common, Surrey. LondonHets] 26 June 1958 [Hampstead Heath, Middlesex. Males. EMM95:97-100] 30 June 1958 [Hampstead Heath, Middlesex. LondonHets] 29 June 1955 [Harpenden, Hertfordshire. LondonHets] 30 June 1951 [Oxshott. PTSLENHS1951-52:73-74] 30 June 1894 [Plumstead, Kent. LondonHets] 30 June 2014 [South of Weavers Down, VC13. Hem6:232]

07A: 2 July 1950 [Brockenhurst. PTSLENHS1950-51:71-72] 2 July 1932 [Byfleet, Surrey. LondonHets] 2 July 1938 [Byfleet, Surrey. LondonHets] 4 July 1943 [Cotswold Park, Gloucestershire. GloucsHets] 5 July 1963 [Epping Forest, Essex. LondonHets] 2 July 1961 [Farningham Wood, Kent. LondonHets] 4 July 1965 [Knowle Park, Kent. PTSLENHS1965:59-60] 1 July 1951 [Penn Wood, Buckinghamshire. LondonHets]

07B: 7 July 1951 [Amersham, Buckinghamshire. LondonHets] 8 July 1956 [Bookham Common, Surrey. LondonHets] 8 July 1950 [Byfleet. PTSLENHS1950-51:72-73] 6 July 1958 [Elstree, Hertfordshire. Male and female. EMM95:97-100] 7 July 1954 [Harpenden, Hertfordshire. LondonHets] 7 July 1900 [Horsley. PSLENHS1900:15-16] 10 July 1948 [Scratch Wood, Edgware, Middlesex. LondonHets] 10 July 1924 [Tooting Bec, Surrey. LondonHets] 9 July 1951 [West End Common, Surrey. LondonHets] 7 July 1957 [Wyre Forest, Worcestershire. EMM94:93]

07C: 14 July 1951 [Amersham, Buckinghamshire. LondonHets] 11 July 1947 [Ashtead Common, Surrey. LondonHets] 15 July 1925 [Chalfont St Peter, Buckinghamshire. LondonHets] 14 July 1951 [Coleshill, Buckinghamshire. LondonHets] 11 July 1939 [Powys, Montgomeryshire. Female. EMM92:54-64] 12 July 1922 [Westerham, Kent. LondonHets]

07D: 20 July 1946 [Ashtead. PTSLENHS1946-47:73-74] 17 July 1928 [Clonmel, South Tipperary. IrelandHets] 20 July 1952 [Latimer, Buckinghamshire. LondonHets] 18 July 1955 [Penparcau, Cardiganshire. Males and females. EMM92:54-64] 17 July 2015 [The Chase, Broad Layings, VC12. Hem3:55]

07E: 21 July 1962 [Cowley, Gloucestershire. GloucsHets] 21 July 1948 [Gravesend, Kent. LondonHets] 22 July 1955 [Nonsuch Park, Cheam, Surrey. LondonHets]
07F: 30 July 1924 [Tooting Common, Surrey. LondonHets]
08A: 2 August 1954 [Amersham, Buckinghamshire. LondonHets] 5 August 1891 [Oxted, Surrey. LondonHets]
08C: 15 August 1943 [Hampstead, Middlesex. LondonHets]
09A: 5 September 2003 [Bourne Hill House, VC13. Hem6:232]
09B: 9 September 1955 [Ruislip LNR, Middlesex. Adult males. LondonHets]

Psallus wagneri Ossiannilsson (Miridae)
05F: 31 May 2002 [Common Meadow, VC11. Hem3:108]
06D: 18 June 1957 [Ruislip NNR, Middlesex. LondonHets] 19 June 1958 [Ruislip NNR, Middlesex. Adult males. LondonHets] 16 June 2016 [Windsor, VC22. Male. Hem4:81]
06E: 25 June 2015 [Pound Street, VC12. Hem3:55] 22 June 1953 [Stondon Massey, Essex. LondonHets]
06F: 26 June 1984 [Cannop Ponds, Gloucestershire. GloucsHets]
07A: 1 July 1997 [Walcot Park, VC40. Hem5:157]
07B: 10 July 1955 [Bookham Common, Surrey. Female. LondonHets] 10 July 2001 [Dizzard Wood, Cornwall. Male. BJENH18:54] 9 July 2003 [Wimpole: Gravel Pits Field, VC29. Hem4:145]
08B: 7 August 1954 [Stoke Common, Buckinghamshire. Male. LondonHets]
08E: 21 August 1956 [Grounds of Pest Infestation Laboratory, Slough. LondonHets]

Pseudoloxops coccineus (Meyer-Dür) (Miridae)
07C: 11 July 1896 [Shirley, Surrey. LondonHets]
07D: 16 July 2014 [Near Radstone, Northamptonshire. Nymphs reared in culture. Hem2:50]
07E: 25 July 1943 [Bushey, Hertfordshire. LondonHets] 21 July 2014 [Holme, Green Bank (east end), VC28. Hem4:39] 22 July 1960 [Scratch Wood, Edgware, Middlesex. Adults and nymphs. LondonHets]
07F: 29 July 1949 [Box Hill, Surrey. LondonHets] 31 July 1955 [Datchet, Buckinghamshire. LondonHets] 26 July 1960 [Scratch Wood, Edgware, Middlesex. Including adults. LondonHets]
08A: 3 August 1960 [Ampthill Park, Bedfordshire. Female. PTSLENHS1960:111-123] 5 August 1958 [Elstree, Hertfordshire. Adults and nymphs. EMM95:97-100] 5 August 1958 [Mill Hill, Middlesex. LondonHets]
08B: 6 August 1959 [Blackheath, Kent. LondonHets] 8 August 1959 [Blackheath, Kent. LondonHets] 6 August 1895 [Bookham Common, Surrey. LondonHets] 7 August 1937 [Box Hill, Surrey. Males/females. LondonHets] 10 August 1916 [Chorleywood, Hertfordshire. LondonHets] 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 7 August 2000 [Fareham, VC11. Hem3:108] 7 August 2000 [Market Rasen, Dear Street, VC54. Hem3:90] 6 August 2018 [Near Burstwick, VC61. Hem6:214] 10 August 1958 [Radlett, Hertfordshire. LondonHets]
08C: 15 August 1943 [Hampstead Heath, Middlesex. LondonHets] 15 August 1925 [Woodford, Essex. LondonHets]
08D: 16 August 2013 [Catholme, near Barton-under-Needwood, VC39. Hem3:99] 20 August 2015 [Horsey Corner, VC27. Hem4:44] 19 August 1904 [Kentford, Suffolk. SuffolkHets] 17 August 1960 [Stotfold, Bedfordshire. Female. PTSLENHS1960:111-123]
08E: 23 August 1955 [Banstead Downs, Surrey. LondonHets] 25 August 1965 [Blackheath, Kent. LondonHets] 25 August 1984 [VC18. HSGN4:4]
08F: 30 August 1965 [Blackheath, Kent. LondonHets] 31 August 1936 [Box Hill, Surrey. Males/females. LondonHets] 29 August 1937 [Box Hill, Surrey. Males/females. LondonHets] 29 August 1896 [Box Hill, Surrey. LondonHets] 29 August 1918 [Cheshunt, Hertfordshire. LondonHets] 30 August 1953 [Dedham, Suffolk. EMM90:81-82] 29 August 1960 [Whetstone, Hertfordshire. Females. LondonHets]
09A: 1 September 1949 [Dedham, Suffolk. EMM90:81-82]

09B: 7 September 1948 [Arbrook Common, Surrey. LondonHets] 7 September 1913 [Box Hill, Surrey. Males/females. LondonHets]
09C: 13 September 1903 [Headley Lane, Surrey. LondonHets] 12 September 1954 [Horton, Buckinghamshire. LondonHets]
09D: 18 September 1879 [Near Norwich. EMM16:114]

Reuteria marqueti Puton (Miridae)
08B: 7 August 2015 [West Walk, University Parks, Oxford. Hem6:274]
08C: 15 August 2006 [VC30. Female. HN11:15]
08E: 21 August 2015 [West Walk, University Parks, Oxford. Hem6:274]

Rhabdomiris striatellus (Fabricius) (Miridae)
05A: 3 May 2015 [University Parks, Oxford, Oxfordshire. Nymphs reared in culture. Hem3:128]
05C: 12 May 1934 [St Martha's, Chilworth. PTSLENHS1934-35:12-15]
05D: 20 May 1990 [Boconnoc Park, Cornwall. CornwallHets] 20 May 1916 [Byfleet, Surrey. Nymph. LondonHets] 17 May 1990 [Valency Valley, Cornwall. CornwallHets] 20 May 1948 [Wimbledon Common, Surrey. LondonHets]
05E: 22 May 1943 [Rendcomb, Gloucestershire. GloucsHets] 23 May 1971 [Thetford Heath NNR, Breckland. Nymphs. PTBENHS4:119-120] 23 May 1971 [Thompson Common, Norfolk. PTBENHS4:119-120]
05F: 28 May 2000 [Carnwinnick Wood, Trenowth, Cornwall. CornwallHets] 30 May 1954 [Chailey, Sussex. PTSLENHS1954-55:81-83] 31 May 2000 [Coombe Valley, Cornwall. CornwallHets] 28 May 1893 [Darenth Wood, Kent. LondonHets] 31 May 2000 [Eggbear, Cornwall. CornwallHets] 29 May 1896 [Epping Forest, Essex. LondonHets] 27 May 1960 [Epsom Common, Surrey. Adults and nymphs. EMM97:65-71] 30 May 2000 [Ethy Woods, Cornwall. CornwallHets] 31 May 2000 [Hilton Wood, Week St Mary, Cornwall. CornwallHets] 30 May 1954 [Ickenham Golf Course NR, Middlesex. LondonHets] 29 May 2000 [Millook Valley, Cornwall. CornwallHets] 31 May 1952 [Monk's Wood, Huntingdonshire. EMM88:162] 30 May 1960 [Stanmore Common, Middlesex. Adults and nymphs. EMM97:65-71] 31 May 1989 [Tremayne Woods, Cornwall. CornwallHets] 26 May 1995 [Twyford Forest, near Colsterworth, VC53. Hem3:90]
06A: 3 June 1948 [Arbrook Common, Surrey. LondonHets] 4 June 1905 [Ashtead, Surrey. LondonHets] 5 June 1931 [Bookham Common, Surrey. LondonHets] 4 June 1934 [Bookham Common, Surrey. LondonHets] 5 June 1927 [Curt-yr-ala, Glamorgan. EMM64:64] 5 June 1904 [Darenth Wood, Kent. LondonHets] 5 June 1915 [Epping Forest, Essex. LondonHets] 1 June 1960 [Hampstead Heath, Middlesex. Adult. EMM97:65-71] 1 June 1960 [Hampstead Heath, Middlesex. Adult and nymphs. LondonHets] 1 June 2000 [Kilminorth Wood, Cornwall. CornwallHets] 4 June 1955 [Langley Park, Buckinghamshire. LondonHets] 3 June 1985 [Minchinhampton Common, Gloucestershire. GloucsHets] 3 June 1966 [Orpington, Kent. LondonHets] 1 June 1919 [Oxshott Heath, Surrey. LondonHets] 3 June 1960 [Whippendell Wood, Hertfordshire. Adults and nymphs. EMM97:65-71]
06B: 9 June 1926 [Ashtead, Surrey. LondonHets] 8 June 1931 [Bookham Common, Surrey. LondonHets] 8 June 2000 [Bynorth Cliff & Lower Tresmorn, Cornwall. CornwallHets] 6 June 1979 [Dagnam Park, Essex. LondonHets] 10 June 1955 [Egham, Surrey. LondonHets] 10 June 1911 [Epping Forest, Essex. LondonHets] 7 June 1949 [Esher Common, Surrey. LondonHets] 8 June 1949 [Esher Common, Surrey. LondonHets] 8 June 1985 [Hailey Wood, Gloucestershire. GloucsHets] 7 June 1892 [Hampstead, Middlesex. LondonHets] 6 June 1964 [Hatfield, Hertfordshire. LondonHets] 7 June 1964 [Hatfield, Hertfordshire. LondonHets] 6 June 1953 [Hodgemoor Wood, Buckinghamshire. LondonHets] 6 June 1931 [Horsell, Surrey. LondonHets] 10 June 1916 [Leith Hill, Surrey. LondonHets] 8 June 1962 [Near Chingford, Essex. Nymphs. LondonHets] 8 June 1977 [Noak Hill, Essex. LondonHets] 8 June 1955 [Penparcau, Cardiganshire. Females. EMM92:54-64] 9 June 1955 [Penparcau, Cardiganshire. Males and females. EMM92:54-64] 10 June 1899 [West Wickham Wood, Kent. LondonHets] 6 June 1896 [West Wickham Wood, Kent. LondonHets]

06C: 13 June 1966 [Darenth Wood, Kent. LondonHets] 13 June 1948 [Deadmansea Wood, Bedfordshire. EMM86:6-8] 15 June 1893 [Gravel Pit Wood, Highgate, Middlesex. LondonHets] 12 June 1941 [Hurtwood Common, Surrey. LondonHets] 12 June 1946 [Woodcock Wood, Bedfordshire. EMM86:6-8]
06D: 19 June 1949 [Ballinger, near Great Missenden, Buckinghamshire. EMM85:253] 16 June 1900 [Banstead. PSLENHS1900:11-14] 16 June 1983 [Croxton, VC28. Hem4:23] 20 June 1964 [Epping Forest, Essex. LondonHets] 17 June 1990 [Foxes Bridge NR, Gloucestershire. GloucsHets] 20 June 1941 [Guildford, Surrey. LondonHets] 16 June 2008 [Hencott Pool, VC40. Hem3:99] 16 June 1979 [Mitcham Common, Surrey. LondonHets] 18 June 1983 [Two Mile Bottom, VC28. Hem4:23] 17 June 1951 [Westerham. PTSLENHS1951-52:72-73]
06E: 22 June 1977 [Darenth Wood, Kent. LondonHets] 22 June 1963 [Godstone, Surrey. LondonHets] 25 June 1944 [Hadley Wood, Barnet, Hertfordshire. LondonHets] 24 June 1892 [Highgate, Middlesex. LondonHets] 25 June 1977 [Northward Hill NNR, Kent. PTBENHS11:67-68]
06F: 28 June 1964 [Ashridge, Hertfordshire. LondonHets]
07A: 4 July 1934 [Berkhamsted Common, Hertfordshire. LondonHets] 3 July 1939 [Dolgelly, Merionethshire. EMM92:54-64] 5 July 1963 [Epping Forest, Essex. LondonHets]
07B: 7 July 1963 [Coombe Hill, Buckinghamshire. LondonHets]
07E: 23 July 1932 [Box Hill, Surrey. LondonHets]
08E: 25 August 1931 [Studland, Dorset. Female. JESSE1:69-74]

Salicarus roseri (Herrich-Schaeffer) (Miridae)
06D: 19 and 20 June 1960 [Aldenham Reservoir, Hertfordshire. Adults and nymphs. EMM97:65-71] 16 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67]
06E: 23 June 1959 [Blackheath, Kent. LondonHets] 25 June 2017 [Gobowen, VC40. Hem5:157] 22 June 1954 [Hounslow Heath, Middlesex. Nymphs reared in culture. LondonHets] 22 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 25 June 1951 [Magpie Bottom, Kent. LondonHets] 22 June 1912 [Sunbury-on-Thames, Surrey. LondonHets] 22 June 1952 [Sunbury-on-Thames, Surrey. LondonHets]
06F: 27 June 2007 [Boultham Moor, Lincoln. HN11:16] 30 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 26 June 2010 [River Don, Salmon Pastures, Sheffield, VC63. HN16:13] 29 June 2015 [Stanton Harcourt, Oxfordshire. Nymphs reared in culture. Hem3:128]
07A: 1 July 1960 [Grounds of Pest Infestation Laboratory, Slough. LondonHets]
07B: 6 July 1952 [Amersham, Buckinghamshire. LondonHets] 7 July 1966 [Dartford, Kent. LondonHets] 9 July 1902 [Grove Park, Lee, Kent. LondonHets] 10 July 1967 [Long Ashton Research Station, Bristol. Male. Ent101:202-204] 9 July 1977 [Westbere Marshes, Kent. PTBENHS11:127-128]
07C: 12 July 1952 [Amersham, Buckinghamshire. LondonHets] 11 July 1953 [Amersham, Buckinghamshire. LondonHets] 11 July 1947 [Ashtead, Surrey. LondonHets] 13 July 1988 [Banbury, VC32. Hem5:146] 11 July 1986 [Filby, VC27. Hem4:44] 12 July 1952 [Harefield, Middlesex. LondonHets] 13 July 1897 [Lewisham, Kent. LondonHets] 14 July 1990 [Little Comberton, Worcestershire. EMM129:60]
07D: 17 July 1897 [Lewisham, Kent. LondonHets] 19 July 1986 [Lower Test NR, VC11. Hem3:108] 17 July 1954 [Near Silsoe, Bedfordshire. Female. EMM91:283] 18 July 2013 [The Sanctuary, Pride Park, Derby, VC57. Hem3:99]
07E: 25 July 1899 [Blackheath, Kent. LondonHets] 22 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets] 23 July 1960 [Scratch Wood, Edgware, Middlesex. Females. LondonHets]
07F: 31 July 1900 [Catford, Kent. LondonHets] 28 July 1896 [Lewisham, Kent. LondonHets]
08A: 3 August 1960 [Flitton, Bedfordshire. Female. PTSLENHS1960:111-123] 4 August 1960 [Sharpenhoe, Bedfordshire. Female. PTSLENHS1960:111-123]
08B: 8 August 1964 [Dungeness, Kent. PTSLENHS1964:36]
08D: 20 August 1902 [Grove Park, Lee, Kent. LondonHets] 19 August 2002 [Penpoll Creek, Cornwall. CornwallHets]

08E: 21 August 1952 [Boxhill, Surrey. LondonHets]
09A: 1 September 1951 [Amersham, Buckinghamshire. LondonHets]

Stenodema calcarata (Fallén) (Miridae)
01D: 19 January 1964 [Shoreham, Kent. LondonHets]
02C: 11 February 1905 [Wimbledon Common, Surrey. LondonHets]
02E: 25 February 1922 [Westerham, Kent. LondonHets]
03A: 4 March 1961 [Blackheath, Kent. Male and females. LondonHets]
03E: 22 March 1961 [Blackheath, Kent. LondonHets] 23 March 1931 [Esher Common. PSLENHS1931-32:49] 21 March 1953 [Latimer, Buckinghamshire. LondonHets] 22 March 1943 [Limpsfield, Surrey. LondonHets]
04C: 12 April 1948 [Wisley, Surrey. LondonHets]
04E: 23 April 1959 [Blackheath, Kent. LondonHets] 24 April 1943 [Finchley, Middlesex. LondonHets]
04F: 27 April 1948 [Boy's Meadow, Salisbury, Wiltshire. Males and females, one of the females had three spines on left hind femur. EMM85:160] 30 April 1962 [Magpie Bottom, Kent. LondonHets]
05A: 3 May 1969 [Blackheath, Kent. Green and dark form. LondonHets] 4 May 1969 [Blackheath, Kent. LondonHets] 3 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 3 May 1955 [Treborth, Caernarvonshire. Male. EMM92:54-64]
05B: 10 May 1954 [Ardington, Berkshire. EMM93:121-126] 9 May 1970 [Caterham, Surrey. LondonHets] 6 May 1960 [Darenth Wood, Kent. LondonHets] 8 May 1938 [Elstead, Surrey. LondonHets] 7 May 1944 [Hilcot, Gloucestershire. GloucsHets] 7 May 1893 [Nonsuch Park, Cheam, Surrey. LondonHets] 10 May 1992 [Orles, Gloucestershire. GloucsHets]
05C: 15 May 1993 [Chaceley Meadow, Gloucestershire. GloucsHets] 11 May 1958 [Hell Copse, Buckinghamshire. LondonHets] 11 May 1950 [Trawscoed, Cardiganshire. Males and females. EMM92:54-64]
05D: 19 May 1969 [Blackheath, Kent. LondonHets]
05E: 22 May 1990 [Lundy Bay, Cornwall. CornwallHets] 25 May 1919 [Oxshott Heath, Surrey. LondonHets] 25 May 1955 [Penglais, Aberystwyth, Cardiganshire. Females. EMM92:54-64]
05F: 28 May 2000 [Breney Common, Cornwall. CornwallHets] 27 May 1938 [Byfleet, Surrey. LondonHets] 27 May 1963 [Chorley Wood Common, Hertfordshire. LondonHets] 29 May 1995 [Dowdeswell Wood, Gloucestershire. GloucsHets] 30 May 1932 [Dunsfold, Surrey. Male. LondonHets] 31 May 1962 [Farningham Wood, Kent. LondonHets] 29 May 2000 [Fernacre Farm Mire, Bodmin Moor, Cornwall. CornwallHets] 27 May [Ffrwdgrech, Breconshire. ERJV81:39-46] 29 May 2000 [Millook Valley, Cornwall. CornwallHets] 29 May 1944 [Near Houghton Regis, Bedfordshire. EMM81:183-185] 27 May 1911 [Oxshott Heath, Surrey. LondonHets] 30 May 1932 [Whitley, Surrey. Male. LondonHets]
06A: 4 June 2005 [Nanterrow, Gwithian, Cornwall. CornwallHets] 2 June 2000 [Tregardock Cliff, Cornwall. CornwallHets] 5 June 2000 [Trevessa Farm, Cornwall. CornwallHets]
06B: 8 June 1952 [Arbrook Common, Surrey. LondonHets] 8 June 1931 [Bookham Common, Surrey. LondonHets] 9 June 1915 [Byfleet, Surrey. LondonHets] 6 June 1931 [Horsell. PSLENHS1931-32:63-64] 8 June 1955 [Llanbadarn Fawr, Cardiganshire. Males and females. EMM92:54-64] 10 June 1883 [Wimbledon Common, Surrey. LondonHets]
06C: 12 June 1969 [Blackheath, Kent. LondonHets] 15 June 1949 [Bookham Common, Surrey. LondonHets] 13 June 1989 [Gunwalloe Church Cove, Cornwall. CornwallHets] 15 June 1983 [Lakenheath Warren, VC26. Hem4:23] 12 June 1895 [Walthamstow, Essex. LondonHets] 15 June 2009 [Wychwood Forest, VC23. Three spines on right hind leg. HN15:10]
06D: 17 June 1983 [Chalk Lane, The King's Forest, VC26. Hem4:23] 17 June 2001 [Colliford Lake, Cornwall. CornwallHets] 16 June 1983 [Croxton, VC28. Hem4:23] 16 June 1983 [Devil's Punchbowl, VC28. Hem4:23] 17 June 1990 [Foxes Bridge NR, Gloucestershire. GloucsHets] 16 June 1991 [Newbridge Meadow, Bourton-on-the-Water, Gloucestershire. GloucsHets] 20 June 1960 [Radlett, Hertfordshire. Female with ripe eggs. LondonHets] 18 June 1957 [Ruislip LNR, Middlesex. Nymph. LondonHets] 19 June 1983 [Santon Warren, VC28. Hem4:23] 17 June 1987 [St Martins, Cornwall. CornwallHets] 18 June 1983 [Two Mile

Bottom, VC28. Hem4:23] 17 June 1951 [Westerham. Green form. PTSLENHS1951-52:72-73] 19 June 1987 [Whitesand Bay, Cornwall. CornwallHets]

06E: 21 June 1943 [Ashtead Common, Surrey. LondonHets] 25 June 1905 [Byfleet, Surrey. LondonHets] 21 June 1964 [Chiddingfold, Surrey. PTSLENHS1964:32-33] 22 June 1960 [Elstree, Hertfordshire. LondonHets] 25 June 2015 [Great Pen Wood, VC12. Hem3:55] 22 June 1995 [Twyford Forest, near Colsterworth, VC53. Hem3:90] 22 June 1892 [Walthamstow, Essex. LondonHets] 25 June 1955 [Wimbledon Common, Surrey. LondonHets] 25 June 1882 [Wimbledon Common, Surrey. LondonHets]

06F: 26 June 1984 [Cannop Ponds, Gloucestershire. GloucsHets] 30 June 1968 [Near Westerham, Kent. LondonHets] 26 June 1960 [Radlett, Hertfordshire. LondonHets] 27 June 1960 [Watford, Hertfordshire. LondonHets] 29 June 1960 [Whetstone, Hertfordshire. Male. LondonHets] 30 June 1960 [Whetstone, Hertfordshire. Male. LondonHets]

07A: 3 July 1969 [Blackheath, Kent. LondonHets] 5 July 1955 [Grounds of Rothamsted Experimental Station, Harpenden. LondonHets] 5 July 1944 [Starcross, South Devon. Ent88:89-91]

07B: 7 July 1982 [Botley Wood, VC11. Hem3:109] 8 July 1950 [Byfleet, Surrey. LondonHets] 10 July 1966 [Danbury Common, Essex. LondonHets]

07C: 15 July 1925 [Chalfont St Peter, Buckinghamshire. Adult and nymph. LondonHets] 13 July 2006 [Coombe Valley, Cornwall. CornwallHets] 12 July 1902 [Near Byfleet. Butler1923] 14 July 1902 [Near Byfleet. Ent36:102] 12 July 1952 [Oxshott Heath and Esher Common. PTSLENHS1952-53:83-84] 12 July 2009 [Stodmarsh NNR, Kent. BJENH23:59-61] 11 July 1960 [Whetstone, Hertfordshire. Male. LondonHets]

07D: 16 July 1962 [Abbey Wood, Kent. LondonHets] 17 July 1955 [Aberystwyth, Cardiganshire. Males. EMM92:54-64] 19 July 2006 [Bohetherick, St Dominick, Cornwall. CornwallHets] 19 July 1953 [Bookham Common, Surrey. LondonHets] 20 July 1969 [Bookham Common, Surrey. LondonHets] 17 July 1925 [Chalfont St Peter, Buckinghamshire. Nymphs. LondonHets] 20 July 2005 [Churchtown Farm, Saltash, Cornwall. CornwallHets] 18 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 19 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 20 July 1970 [Gunwalloe Church Cove, Cornwall. CornwallHets] 20 July 1983 [Santon Warren, VC28. Hem4:23] 16 July 1992 [Sherborne Estate, Gloucestershire. GloucsHets] 20 July 1983 [Two Mile Bottom, VC28. Hem4:23] 18 July 1960 [Whetstone, Hertfordshire. Male. LondonHets]

07E: 22 July 1952 [Banstead, Surrey. Female. Ent87:18-20] 21 July 1962 [Cowley, Gloucestershire. GloucsHets] 23 July 1976 [Dagnam Park, Essex. LondonHets] 22 July 1955 [Nonsuch Park, Cheam, Surrey. Nymph. LondonHets] 21 July 1955 [Rhayader, Radnorshire. Female. EMM92:54-64] 21 July 1983 [Santon Warren, VC28. Hem4:23] 24 July 1960 [Squerryes Park, Westerham, Kent. LondonHets] 22 July 1955 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 22 July 1955 [Tregaron Bog, Cardiganshire. Females. EMM92:54-64]

07F: 28 July 1968 [Blackheath, Kent. LondonHets] 29 July 1950 [Bookham. PTSLENHS1950-51:75-76] 31 July 1969 [Bookham Common, Surrey. LondonHets] 28 July 1966 [Higham Marshes, Kent. LondonHets] 28 July 1967 [Long Ashton Research Station. Female. EMM109:132-139] 29 July 1955 [Ruislip LNR, Middlesex. Nymph. LondonHets] 28 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets]

08A: 4 August 1932 [Ashford, Derby. EMM68:213-214] 5 August 1969 [Bookham Common, Surrey. LondonHets] 3 August 1915 [Chobham Common, Surrey. LondonHets] 4 August 1984 [Church Wood, Blean, Kent. PTBENHS18:30-31] 4 August 1955 [Esher Common, Surrey. Adult and nymphs. LondonHets] 5 August 1945 [Fancott Gravel Pit, Bedfordshire. EMM86:6-8] 3 August 1960 [Flitton, Bedfordshire. PTSLENHS1960:111-123] 2 August 1956 [Hampstead Heath, Middlesex. Adults. LondonHets] 4 August 1943 [Hampstead, Middlesex. LondonHets] 4 August 1955 [Oxshott Heath, Surrey. LondonHets] 2 August 1964 [Ruislip LNR, Middlesex. Adult. LondonHets] 1 August 1960 [Whetstone, Hertfordshire. LondonHets] 4 August 1960 [Whetstone, Hertfordshire. LondonHets]

08B: 6 August 1959 [Blackheath, Kent. LondonHets] 9 August 1953 [Bookham Common, Surrey. LondonHets] 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 6

August 1960 [Flitwick Moor, Bedfordshire. PTSLENHS1960:111-123] 6 August 1952 [Hounslow Heath, Middlesex. LondonHets] 7 August 1900 [Oxshott Heath, Surrey. LondonHets] 7 August 1935 [Rickmansworth, Hertfordshire. LondonHets]

08C: 15 August 1946 [Ashtead Common, Surrey. LondonHets] 15 August 1953 [Bookham Common, Surrey. LondonHets] 12 August 1956 [Bookham Common, Surrey. LondonHets] 11 August 1969 [Bookham Common, Surrey. LondonHets] 14 August 1925 [Epping Forest, Essex. Nymph. LondonHets] 11 August 1982 [Garden of Buckingham Palace. PTBENHS17:37-39] 11 August 1968 [Long Ashton Research Station. Male and females. EMM109:132-139] 15 August 1993 [Poor's Allotment, Gloucestershire. GloucsHets] 11 August 1899 [Wisley Common, Surrey. LondonHets]

08D: 18 August 1955 [Amersham, Buckinghamshire. LondonHets] 16 August 1959 [Blackheath, Kent. LondonHets] 16 August 1953 [Bookham Common, Surrey. LondonHets]

08E: 23 August 1955 [Borth Bog, Cardiganshire. EMM92:54-64] 24 August 2006 [Kynance Cove, Cornwall. CornwallHets] 25 August 1968 [Near Effingham, Surrey. LondonHets] 23 August 1903 [Oxshott Heath, Surrey. LondonHets] 23 August 1944 [Rendcomb, Gloucestershire. GloucsHets] 23 August 2005 [South Penquite Farm, Cornwall. CornwallHets] 22-23 August 1955 [Trawscoed, Cardiganshire. Males. EMM92:54-64] 23 August 1964 [Uxbridge, Middlesex. LondonHets] 22 August 1894 [Virginia Water, Surrey. LondonHets] 21 August 1896 [Wimbledon Common, Surrey. LondonHets]

08F: 28 August 1968 [Caerlaverock NNR, Dumfriesshire. EMM109:60] 26 August 1970 [Caerlaverock NNR, Dumfriesshire. EMM109:60] 30 August 1936 [Chobham Common, Surrey. LondonHets] 30 August 1953 [Fulmer, Buckinghamshire. LondonHets] 30 August 1903 [Wisley, Surrey. LondonHets]

09A: 3 September 1962 [Banstead Heath, Surrey. LondonHets] 1 September 1935 [Chobham Common, Surrey. LondonHets] 4 September 1963 [Esher Common, Surrey. Brown forms. LondonHets] 2 September 1979 [Mitcham Common, Surrey. LondonHets] 2 September 1950 [Oxshott. PTSLENHS1950-51:78-79] 1 September 1953 [Ruislip LNR, Middlesex. Adult. LondonHets]

09B: 6 September 1962 [Blackheath, Kent. Brown form. LondonHets] 7 September 1964 [Bromley, Kent. LondonHets] 8 September 1913 [Byfleet, Surrey. LondonHets] 6 September 1953 [Epsom Common, Surrey. Adult male and female and nymphs. LondonHets] 7 September 1950 [Penn Wood, Buckinghamshire. LondonHets] 10 September 1985 [Port Quin, Cornwall. CornwallHets] 10 September 1960 [Steppingley, Bedfordshire. PTSLENHS1960:111-123]

09C: 13 September 1953 [Bookham Common, Surrey. LondonHets] 13 September 1944 [Fancott, near Toddington, Bedfordshire. EMM81:183-185] 14 September 1991 [Nagshead, Gloucestershire. GloucsHets] 14 September 1934 [West Hyde, Hertfordshire. LondonHets] 14 September 1969 [Weybridge, Surrey. LondonHets]

09D: 20 September 1954 [Grounds of Rothamsted Experimental Station, Harpenden. LondonHets] 16 September 1931 [Horsell, Surrey. LondonHets] 16 September 1950 [Oxshott Heath, Surrey. LondonHets]

09E: 21 September 1969 [Bookham Common, Surrey. LondonHets] 21 September 1968 [Caterham, Surrey. LondonHets] 21 September 1954 [Grounds of Rothamsted Experimental Station, Harpenden. LondonHets] 22 September 1899 [Headley Lane, Surrey. LondonHets] 23 September 1992 [Porthallow, Cornwall. CornwallHets]

09F: 29 September 1960 [Ashtead Common, Surrey. LondonHets] 26 September 1983 [Mitcham Common, Surrey. LondonHets] 27 September 1983 [Mitcham Common, Surrey. LondonHets]

10A: 4 October 1953 [Bookham Common, Surrey. LondonHets] 2 October 1955 [Box Hill, Surrey. LondonHets] 2 October 1941 [Cheltenham, Gloucestershire. GloucsHets] 5 October 1976 [Dagnam Park, Essex. LondonHets] 1 October 1954 [Near Tregaron, Cardiganshire. Males and females. EMM92:54-64] 1 October 1954 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 1 October 1954 [Tregaron Bog, Cardiganshire. Males and females. EMM92:54-64] 5 October 1950 [West End Common, Surrey. LondonHets]

10C: 15 October 1966 [Oxshott, Surrey. PTSLENHS1967:26-28]

10E: 23 October 1943 [Harefield, Middlesex. LondonHets] 22 October 1943 [Northwood, Middlesex. LondonHets]

10F: 31 October 1945 [Ranmore Common, Surrey. LondonHets]
11B: 8 November 1953 [Bookham Common, Surrey. LondonHets] 6 November 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67]
11D: 20 November 1943 [Northwood, Middlesex. LondonHets]
12F: 29 December 1956 [Chislehurst Common, Kent. LondonHets]

Stenodema holsata (Fabricius) (Miridae)
01C: 12 January 1891 [Armagh, Loughgall. IrelandHets]
05B: 8 May 1995 [Highmeadow Woods, Gloucestershire. GloucsHets]
05D: 20 May 1949 [Byfleet, Surrey. Female. LondonHets]
05E: 23 May 1989 [Pennance Farm, Cornwall. CornwallHets] 23 May 1950 [Trawscoed, Cardiganshire. Female. EMM92:54-64]
05F: 28 May 2011 [Cowleze Wood, near Watlington, Oxfordshire Chilterns. ERJV124:145-147] 30 May 2000 [Draynes Wood, Cornwall. CornwallHets] 29 May 2000 [Fernacre Farm Mire, Bodmin Moor, Cornwall. CornwallHets]
06A: 2 June 2014 [Pentimore Wood, Northamptonshire. Hem2:27]
06B: 9 June 2014 [Bucknell's Wood, Northamptonshire. Hem2:27] 9 June 1968 [Chy-en-hal Moor, Cornwall. CornwallHets] 8 June 2000 [Lower Tresmorn, Cornwall. CornwallHets] 10 June 1965 [Lowertown, Moorgate, Cornwall. CornwallHets]
06C: 11 June 1893 [Oxted, Surrey. LondonHets]
06D: 17 June 2001 [Colliford Lake, Cornwall. CornwallHets] 17 June 1990 [Foxes Bridge, Gloucestershire. GloucsHets] 18 June 1984 [Knowles Coppice, VC40. Hem5:157]
06E: 24 June 1949 [Byfleet, Surrey. Female. LondonHets] 25 June 1954 [Cardiganshire. Female. EMM92:54-64] 23 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 25 June 1954 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225]
06F: 26 June 1984 [Cannop Ponds, Gloucestershire. GloucsHets]
07A: 2 July 1967 [Clodgy Moor, Cornwall. CornwallHets]
07B: 8 July 1932 [Willington, Derby. EMM68:213-214]
07C: 11 July 1989 [Crackington Haven, Cornwall. CornwallHets]
07D: 17 July 1955 [Hafod, Cardiganshire. EMM92:54-64]
07E: 21 July 1955 [Capel Bangor, Cardiganshire. Male. EMM92:54-64] 21 July 1955 [Devil's Bridge, Cardiganshire. Males and females. EMM92:54-64] 23 July 1983 [Elcombe, Gloucestershire. GloucsHets] 25 July 1959 [Fingest, near Marlow, Buckinghamshire. LondonHets] 21 July 1955 [Rhayader, Radnorshire. Males and female. EMM92:54-64] 22 July 1955 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 22 July 1955 [Tregaron Bog, Cardiganshire. Males and females. EMM92:54-64] 22 July 1906 [West End Common, Surrey. LondonHets]
07F: 29 July 1947 [Clowes Wood, Warwickshire. Female. EMM93:49-51]
08A: 1 August 2012 [Bucknells Wood, Silverstone, VC32. Hem2:25] 4 August 1967 [Creinch, Dumbartonshire. EMM114:21-24] 1 August 2012 [Salcey Forest, Hartwell, VC32. Hem2:25]
08B: 8 August 2019 [Above Crowcombe, Quantock Hills, VC5. Hem6:263] 6 August 1967 [Clairinsh, Stirlingshire. EMM114:21-24] 10 August 1985 [Edgeworth area, Gloucestershire. GloucsHets] 8 August 1967 [Loch Lomond NNR mainland area, Dumbartonshire. EMM114:21-24]
08D: 17 August 1985 [Newborough Warren NNR, Anglesey. HSGN6:3]
08E: 23 August 2005 [South Penquite Farm, Cornwall. CornwallHets]
08F: 27 August 1950 [Boxhill. PTSLENHS1950-51:77-78] 26 August 1970 [Caerlaverock NNR, Dumfriesshire. EMM109:60] 29 August 1994 [Dowdeswell Wood, Gloucestershire. GloucsHets]
09A: 3 September 1993 [Cannop Valley, Gloucestershire. GloucsHets] 4 September 1929 [Waterford district, Co Waterford. IrelandHets]
09C: 14 September 1991 [Nagshead, Gloucestershire. GloucsHets]
09D: 18 September 1985 [Ebworth Estate, Gloucestershire. GloucsHets] 18 September 1993 [Midger, Gloucestershire. GloucsHets] 18 September 1957 [Monamore Glen, Isle of Arran, Buteshire. EMM94:93] 19 September 1908 [Upper Gatton, Surrey. LondonHets]

09E: 22 September 1917 [Epping Forest, Essex. Nymph. LondonHets] 25 September 1915 [Oxshott Heath, Surrey. LondonHets]
09F: 26 September 1957 [Ardrishaig, Argyllshire. EMM94:93] 30 September 1989 [Oakley Wood, Gloucestershire. GloucsHets]
10A: 1 October 1954 [Near Tregaron, Cardiganshire. Males and females. EMM92:54-64] 1 October 1954 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 1 October 1954 [Tregaron Bog, Cardiganshire. Males and females. EMM92:54-64]
10E: 24 October 1927 [Tibradden, Co Dublin. Rosy brown form. IrelandHets]

Stenodema laevigata (Linnaeus) (Miridae)
01B: 7 January 1957 [Farningham Wood, Kent. LondonHets] 7 January 1957 [Horton Kirby, Kent. LondonHets]
02F: 27 February 1960 [Shoreham, Kent. LondonHets]
03B: 10 March 1963 [Farningham Wood, Kent. LondonHets]
03C: 12 March 1899 [Box Hill, Surrey. LondonHets] 13 March 1898 [Box Hill, Surrey. LondonHets] 14 March 1945 [Limpsfield, Surrey. LondonHets]
03D: 17 March 1960 [Farningham Wood, Kent. LondonHets]
03E: 24 March 1967 [Blackheath, Kent. Male. LondonHets]
03F: 30 March 1951 [Reigate Hill, Surrey. LondonHets]
04A: 2 April 1956 [Farningham Wood, Kent. LondonHets]
04B: 10 April 1945 [Purley, Surrey. LondonHets]
04C: 13 April 1946 [Gravesend, Kent. LondonHets] 13 April 1914 [Royston, Hertfordshire. LondonHets]
04D: 20 April 1893 [Box Hill, Surrey. LondonHets] 16 April 1912 [Chipstead, Surrey. LondonHets] 18 April 1943 [Finchley, Middlesex. LondonHets]
05A: 3 May 1969 [Blackheath, Kent. Brown females. LondonHets] 3 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 4 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 3 May 1955 [Treborth, Caernarvonshire. Female. EMM92:54-64]
05B: 7 May 1905 [Buckland Hill, Surrey. LondonHets] 8 May [Burnham Beeches. Butler1923] 6 May 1911 [Cuffley, Hertfordshire. LondonHets] 9 May 1965 [Farningham Wood, Kent. PTSLENHS1965:86-87] 7 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 7 May 1893 [Purley Downs, Surrey. LondonHets]
05C: 13 May 1969 [Blackheath, Kent. Brown and green females. LondonHets] 15 May 1995 [Campden Wood, Gloucestershire. GloucsHets] 12 May 1961 [Coulsdon, Surrey. LondonHets] 11 May 1958 [Hell Copse, Buckinghamshire. LondonHets] 11 May 1951 [Hodgemoor Wood, Buckinghamshire. LondonHets] 13 May 1996 [Kenidjack Cliff, Cornwall. CornwallHets] 14 May 1990 [Lansallos, Cornwall. CornwallHets] 14 May 1960 [Shoreham, Kent. LondonHets] 13 May 1979 [Tooting Common, Surrey. LondonHets] 11 May 1950 [Trawscoed, Cardiganshire. Males and females. EMM92:54-64]
05D: 18 May 1994 [Holestrow, Cornwall. CornwallHets] 17 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 19 May 1994 [Pill Farm, Cornwall. CornwallHets] 17 May 1990 [Valency Valley, Cornwall. CornwallHets] 20 May 1948 [Wimbledon Common, Surrey. LondonHets]
05E: 22 May 1955 [Aberystwyth, Cardiganshire. Males and females. EMM92:54-64] 22 May 1985 [Dover's Hill, Gloucestershire. GloucsHets] 24 May 1963 [Farthing Downs, Coulsdon, Surrey. LondonHets] 24 May 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 25 May 1989 [Pentire Point West, Cornwall. CornwallHets] 21 May 1956 [Ruislip LNR, Middlesex. Male and female. LondonHets] 21 May 1966 [Sheepleas, Horsley, Surrey. PTSLENHS1967:83-85] 23 May 1954 [Shoreham, Kent. LondonHets] 22 May 1979 [Treen Cliff, Cornwall. CornwallHets] 23 May 1989 [Treveal, Cornwall. CornwallHets]
05F: 29 May 1955 [Aberystwyth, Cardiganshire. Males and females. EMM92:54-64] 26 May 1952 [Arbrook Common, Surrey. LondonHets] 31 May 1993 [Aston-sub-Edge, Gloucestershire. GloucsHets] 30 May 1954 [Banstead Downs, Surrey. LondonHets] 27 May 1963 [Chorley Wood, Hertfordshire. LondonHets] 31 May 2000 [Coombe Valley, Cornwall. CornwallHets] 28

May 2011 [Cowleze Wood, near Watlington, Oxfordshire Chilterns. ERJV124:145-147] 27 May 1944 [Daglingworth, Gloucestershire. GloucsHets] 29 May 1995 [Dowdeswell Wood, Gloucestershire. GloucsHets] 28 May 1910 [Epping Forest. Green gravid female. EMM47:36-40] 26 May 1990 [Ethy Wood, Cornwall. CornwallHets] 31 May 1941 [Guildford, Surrey. LondonHets] 27 May 1923 [Hell Copse Lane, Buckinghamshire. LondonHets] 28 May 1900 [Hither Green, Kent. LondonHets] 30 May 1954 [Ickenham Golf Course NR, Middlesex. LondonHets] 29 May 2000 [Kerrow Downs, Bodmin Moor, Cornwall. CornwallHets] 28 May 1905 [Mickleham, Surrey. LondonHets] 29 May 1904 [Ranmore Common, Surrey. LondonHets] 30 May 2006 [South Hill, Cornwall. CornwallHets] 30 May 1989 [Trerice, Cornwall. CornwallHets] 26 May 1989 [Trescowe, Cornwall. CornwallHets]

06A: 5 June 2000 [Bussavean, Kenwyn, Cornwall. CornwallHets] 5 June 1915 [Chingford, Essex. LondonHets] 4 June 1931 [Darenth. PSLENHS1931-32:63-64] 1 June 1968 [Effingham, Surrey. LondonHets] 1 June 1989 [Gunwalloe Marsh, Cornwall. CornwallHets] 3 June 1985 [Minchinhampton Common, Gloucestershire. GloucsHets] 1 June 1966 [Oxenbourne NR, VC11. Hem3:109] 5 June 1989 [Penrose, Cornwall. CornwallHets] 5 June 2000 [Rosewall Hill, Cornwall. CornwallHets] 1 June 2000 [Talland Bay, Cornwall. CornwallHets] 2 June 2000 [Tregardock Cliff, Cornwall. CornwallHets]

06B: 9 June 1963 [Challock, Kent. PTSLENHS1963Part1:67] 10 June 1911 [Chingford, Essex. LondonHets] 10 June 1967 [Darwin's Bank, Downe, Kent. LondonHets] 8 June 1955 [Llanbadarn Fawr, Cardiganshire. Males and females. EMM92:54-64] 8 June 2000 [Lower Tresmorn, Cornwall. CornwallHets] 6 June 2013 [Middlecot nr Chagford, Dartmoor, VC3. Hem5:190] 6 June 2000 [Predannack, Cornwall. CornwallHets]

06C: 15 June 1969 [Blackheath, Kent. Males and females. LondonHets] 13 June 1983 [Brandon Park, VC26. Hem4:23] 14 June 1979 [Carleon Cove, Cornwall. CornwallHets] 15 June 1983 [Lakenheath Warren, VC26. Hem4:23] 11 June 2000 [Pre-Pen Farm, Cornwall. CornwallHets] 15 June 2015 [The Chase, Broad Layings, VC12. Hem3:55] 12 June 1989 [Trelissick, Cornwall. CornwallHets]

06D: 18 June 1989 [Apperley, Gloucestershire. GloucsHets] 16 June 1900 [Banstead. PSLENHS1900:11-14] 18 June 1938 [Box Hill, Surrey. LondonHets] 18 June 1939 [Box Hill, Surrey. LondonHets] 19 June 1915 [Byfleet, Surrey. LondonHets] 17 June 1983 [Chalk Lane, The King's Forest, VC26. Hem4:23] 18 June 1910 [Chingford, Essex. LondonHets] 19 June 1989 [Cotehele Estate, Calstock, Cornwall. CornwallHets] 16 June 1983 [Croxton, VC28. Hem4:23] 16 June 1983 [Devil's Punchbowl, VC28. Hem4:23] 16 June 1882 [Highgate, Middlesex. LondonHets] 18 June 1900 [Hither Green Lane, Kent. LondonHets] 17 June 1951 [Hosey Common, Westerham, Kent. Green form. LondonHets] 18 June 1905 [Ranmore Common, Surrey. LondonHets] 19 June 1916 [Reigate, Surrey. LondonHets] 19 June 1958 [Ruislip LNR, Middlesex. Female. LondonHets] 19 June 1983 [Santon Warren, VC28. Hem4:23] 18 June 1983 [Two Mile Bottom, VC28. Hem4:23]

06E: 25 June 1978 [Andrews and Meanfield Woods, Soreham, Kent. PTBENHS12:70] 24 June 1951 [Boxhill. PTSLENHS1951-52:xvi] 21 June 1964 [Chiddingfold, Surrey. PTSLENHS1964:32-33] 22 June 1960 [Elstree, Hertfordshire. LondonHets] 21 June 1959 [Farningham Wood, Kent. LondonHets] 22 June 1963 [Godstone, Surrey. LondonHets] 25 June 2015 [Great Pen Wood, VC12. Hem3:55] 21 June 1952 [Harefield, Middlesex. LondonHets] 25 June 1979 [Haworth Hall, River Hull, Hull, East Yorkshire. EMM149:165-180] 25 June 1979 [Hessle Quarry, Hessle, East Yorkshire. EMM149:165-180] 24 June 1957 [Highnam Pinetum, Gloucestershire. GloucsHets] 23 June 1979 [Sutton Road Bridge, River Hull, Hull, East Yorkshire. EMM149:165-180] 22 June 1995 [Twyford Forest, near Colsterworth, VC53. Hem3:90] 22 June 1963 [Warlingham, Surrey. LondonHets]

06F: 26 June 1954 [Darenth Wood, Kent. LondonHets] 26 June 2003 [Hayle Estuary, Cornwall. CornwallHets] 29 June 1911 [Mickleham, Surrey. LondonHets] 30 June 1968 [Near Westerham, Kent. LondonHets] 30 June 1951 [Oxshott. PTSLENHS1951-52:73-74] 29 June 1979 [Risby Park, near Bentley, East Yorkshire. EMM149:165-180] 27 June 1955 [Ruislip LNR, Middlesex. Nymphs. LondonHets] 26 June 1962 [Streatham, Surrey. LondonHets] 27 June 1979 [The Warrens, near South Cave, East Yorkshire. EMM149:165-180] 30 June 1963 [Weybridge, Surrey. LondonHets] 30 June 1955 [Wimbledon Common, Surrey. LondonHets]

07A: 5 July 1957 [Banstead Downs, Surrey. Nymphs. LondonHets] 3 July 1956 [Bricket Wood, Hertfordshire. LondonHets] 3 July 1953 [Datchet, Buckinghamshire. LondonHets] 3 July 1890 [Highgate Wood, Middlesex. LondonHets]

07B: 7 July 1963 [Coombe Hill, Buckinghamshire. LondonHets] 8 July 1950 [Near Darenth, Kent. LondonHets]

07C: 11 July 1947 [Ashtead, Surrey. LondonHets] 15 July 1925 [Chalfont St Peter, Buckinghamshire. Nymphs. LondonHets] 14 July 2003 [Great Cheverell Hill NR, VC8. Hem5:190] 15 July 1989 [Rodborough Common, Gloucestershire. GloucsHets] 15 July 1990 [Rodborough Common, Gloucestershire. GloucsHets] 12 July 1964 [Swanscombe, Kent. LondonHets]

07D: 19 July 1953 [Bookham Common, Surrey. LondonHets] 19 July 1964 [Bookham Common, Surrey. LondonHets] 20 July 2005 [Churchtown Farm, Saltash, Cornwall. CornwallHets] 18 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 19 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 19 July 2006 [Haye Farm, St Dominick, Cornwall. CornwallHets] 20 July 1983 [Santon Warren, VC28. Hem4:23] 20 July 1983 [Two Mile Bottom, VC28. Hem4:23]

07E: 21 July 1955 [Aberystwyth, Cardiganshire. Male and females. EMM92:54-64] 23 July 1961 [Aldenham, Hertfordshire. LondonHets] 25 July 1969 [Effingham, Surrey. LondonHets] 23 July 1983 [Elcombe, Gloucestershire. GloucsHets] 22 July 1952 [Gravesend, Kent. LondonHets] 21 July 1954 [Harpenden, Hertfordshire. LondonHets] 22 July 1952 [Longfield, Kent. LondonHets] 21 July 1983 [Santon Warren, VC28. Hem4:23]

07F: 31 July 1969 [Bookham Common, Surrey. LondonHets] 31 July 1929 [Royston Heath, Hertfordshire. LondonHets] 29 July 1958 [Ruislip LNR, Middlesex. Adult male. LondonHets]

08A: 4 August 1970 [Beechen Wood, near Swanley, Kent. LondonHets] 5 August 1969 [Bookham Common, Surrey. LondonHets] 5 August 1976 [Darenth Wood, Kent. LondonHets] 4 August 1960 [Harlington, Bedfordshire. PTSLENHS1960:111-123] 2 August 2006 [Pentireglaze, St Minver Highlands, Cornwall. CornwallHets] 3 August 2006 [Port Quin, Cornwall. CornwallHets] 1 August 1953 [Riddlesdown, Surrey. Nymph. LondonHets]

08B: 9 August 1956 [Bookham Common, Surrey. Males. LondonHets] 10 August 1976 [Darenth Wood, Kent. LondonHets] 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 8 August 2006 [Foage Farm, Zennor, Cornwall. CornwallHets] 7 August 1999 [Lantic Bay, Cornwall. CornwallHets] 8 August 1925 [Penarth, Glamorgan. EMM62:21] 9 August 1999 [Porthluney Cove, Cornwall. CornwallHets] 9 August 1964 [Ruislip LNR, Middlesex. Female. LondonHets] 6 August 1941 [Wimbledon Common, Surrey. LondonHets] 7 August 1925 [Woodford, Essex. Adult and nymph. LondonHets] 10 August 1941 [Wormley Woods, Hertfordshire. LondonHets]

08C: 15 August 1946 [Ashtead, Surrey. LondonHets] 12 August 1980 [Chalk Lane, The King's Forest, VC26. Hem4:23] 14 August 1925 [Epping Forest, Essex. Nymphs. LondonHets] 11 August 1982 [Garden of Buckingham Palace. PTBENHS17:37-39] 12 August 1960 [Kensworth, Bedfordshire. PTSLENHS1960:111-123] 11 August 1999 [Lantic Bay, Cornwall. CornwallHets] 15 August 1993 [Poor's Allotment, Gloucestershire. GloucsHets] 15 August 2011 [Rewell Wood, W. of Arundel, VC13. Hem5:190] 15 August 1958 [Scratch Wood, Edgware, Middlesex. LondonHets] 12 August 1960 [Studham, Bedfordshire. PTSLENHS1960:111-123] 15 August 1979 [Two Mile Bottom, VC28. Hem4:23] 12 August 1998 [Windsor Lane, Kelly Bray, Cornwall. CornwallHets]

08D: 17 August 1955 [Aberystwyth, Cardiganshire. Female. EMM92:54-64] 18 August 1991 [Betty Daws Wood, Dymock, Gloucestershire. GloucsHets] 16 August 1953 [Bookham Common, Surrey. Nymph. LondonHets] 20 August 2002 [Boscaswell Cliff, Cornwall. CornwallHets] 19 August 1979 [Chalk Lane, The King's Forest, VC26. Hem4:23] 19 August 1985 [Cinderford, Gloucestershire. GloucsHets] 19 August 1995 [Field Farm, Nympsfield, Gloucestershire. GloucsHets] 17 August 1995 [Highgrove House, Gloucestershire. GloucsHets] 16 August 1958 [Mill Hill, Middlesex. LondonHets] 19 August 2002 [Penpoll Creek, Cornwall. CornwallHets] 18 August 2006 [Porthoustock, Cornwall. CornwallHets] 17 August 1960 [Sandy, Bedfordshire. PTSLENHS1960:111-123]

08E: 25 August 1901 [Bickley, Kent. Melanic form. EMM38:224] 21 August 2002 [Bossiney Cliffs, Cornwall. CornwallHets] 24 August 2006 [Kynance Cove, Cornwall. CornwallHets] 25

August 1968 [Near Effingham, Surrey. LondonHets] 21 August 1916 [Northwood, Middlesex. Black form. Butler1923] 22 August 1988 [Predannack, Cornwall. CornwallHets]
08F: 26 August 2006 [Carne Farm, Lanteglos, Cornwall. CornwallHets] 26 August 1911 [Chipstead, Surrey. Black form. Butler1923] 29 August 1994 [Dowdeswell Wood, Gloucestershire. GloucsHets] 26 August 2006 [Harbour Cove, Padstow, Cornwall. CornwallHets] 26 August 1952 [Near Faringdon, Berkshire. EMM92:360] 31 August 2006 [Porth Joke valley, Cornwall. CornwallHets] 27 August 1962 [Ranmore Common, Surrey. LondonHets]
09A: 3 September 1952 [Banstead Heath, Surrey. LondonHets] 3 September 1993 [Beachley Point, Gloucestershire. GloucsHets] 2 September 2002 [Fishers Bottom, Dorset. HN2:7] 3 September 1954 [Harpenden, Hertfordshire. LondonHets] 3 September 1898 [Reigate, Surrey. LondonHets] 1 September 1955 [Ruislip LNR, Middlesex. Female. LondonHets]
09B: 7 September 1964 [Bromley, Kent. LondonHets] 9 September 1985 [Dozmary Pool, Cornwall. CornwallHets] 10 September 1910 [Epping Forest, Essex. Adult and nymph. LondonHets] 6 September 1953 [Epsom Common, Surrey. Nymph. LondonHets] 7 September 1968 [Farningham Wood, Kent. LondonHets] 10 September 1994 [Lower Oddington Ashes, Gloucestershire. GloucsHets] 9 September 1979 [Mitcham Common, Surrey. LondonHets] 7 September 1983 [Mitcham Common, Surrey. LondonHets] 9 September 1958 [Ruislip LNR, Middlesex. Adult male. LondonHets] 9 September 1958 [Ruislip LNR, Middlesex. Female. LondonHets]
09C: 11 September 1949 [Blakeway Coppice, Shropshire. EMM91:237] 11 September 1985 [Stowe Wood, Cornwall. CornwallHets] 14 September 1969 [Weybridge, Surrey. LondonHets]
09D: 19 September 1931 [Albury Downs, Surrey. LondonHets] 18 September 1956 [Bookham Common, Surrey. LondonHets] 18 September 1960 [Boreham Wood, Hertfordshire. LondonHets] 17 September 1890 [Dartford, Kent. LondonHets] 18 September 1985 [Ebworth Estate, Gloucestershire. GloucsHets] 19 September 1954 [Harpenden, Hertfordshire. LondonHets] 20 September 1954 [Harpenden, Hertfordshire. LondonHets] 18 September 1993 [Lasborough Park, Gloucestershire. GloucsHets] 16 September 1962 [Salcey Forest, Northamptonshire. EMM93:49-51]
09E: 25 September 1960 [Ashtead, Surrey. PTSLENHS1960:94-95] 21 September 1968 [Caterham, Surrey. LondonHets] 24 September 1954 [Fawkham, Kent. LondonHets] 21 September 1954 [Harpenden, Hertfordshire. LondonHets] 23 September 1992 [Porthallow, Cornwall. CornwallHets]
09F: 29 September 2004 [Clitters Wood, Gunnislake, Cornwall. CornwallHets] 30 September 1989 [Dorvel Wood, Gloucestershire. GloucsHets] 26 September 1954 [Fawkham, Kent. LondonHets] 26 September 1911 [Wisley Common, Surrey. LondonHets]
10A: 1 October 1898 [Plumstead Marsh, Kent. LondonHets] 1 October 1954 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 1 October 1954 [Tregaron Bog, Cardiganshire. Males and females. EMM92:54-64]
10B: 7 October 1962 [Epping Forest, Essex. LondonHets] 9 October 1994 [Woodchester Park, Gloucestershire. GloucsHets]
10C: 15 October 1950 [South Heath, Buckinghamshire. LondonHets]
10D: 17 October 1939 [Buckland Hill, Surrey. LondonHets] 20 October 1941 [Richmond Park, Surrey. LondonHets]
10E: 21 October 1971 [Coulsdon, Surrey. LondonHets] 23 October 1943 [Harefield, Middlesex. LondonHets]
11D: 20 November 1943 [Northwood, Middlesex. LondonHets]

Stenodema trispinosa Reuter (Miridae)
07A: 5 July 2009 [The Moors, Wareham, VC9. Hem4:150]
07C: 12 July 2009 [Stodmarsh NNR, Kent. BJENH23:59-61]
07F: 28 July 1966 [Higham Marshes, Kent. Adults. LondonHets]
08A: 1 August 1986 [Lower Test NR, near Southampton. PTBENHS20:67]
08B: 6 August 2018 [River Humber, Kilnsea, VC61. Hem6:214] 8 August 1949 [River Stour, Flatford, Suffolk. Nymphs. EMM90:81-82]

08C: 14 August 2004 [Swinton, VC63. HN7:15]
08F: 31 August 1955 [Abbey Wood marshes, North Kent. Nymph. EMM95:113] 31 August 1955 [Erith Marshes, Kent. Adult and nymph. LondonHets]
09A: 5 September 1949 [River Stour, Flatford, Suffolk. Adult. EMM90:81-82]
09B: 6 September 2009 [Near Cley, VC27. HN15:13] 9 September 2009 [Near Cley, VC27. HN15:13] 10 September 2009 [Titchwell RSPB Reserve, VC28. HN15:13] 7 September 2009 [Wells-next-the-sea, VC28. HN15:13]
09C: 15 September 1960 [Reculver, Kent. Adults and nymphs. EMM96:152]
09D: 19 September 1965 [Seasalter, Kent. Adults and nymphs. PTSLENHS1965:91-92]
09E: 21 September 1951 [Pett Level, Sussex. Adults and nymphs. EMM89:16]
11D: 18 November 1961 [Egypt Bay, High Halstow, Kent. EMM98:12]

Stenotus binotatus (Fabricius) (Miridae)
06C: 14 June 1970 [Portsdown, VC11. Hem3:109] 14 June 1970 [Stanford-le-Hope, Essex. PTBENHS4:25]
06D: 16 June 1957 [Bookham Common, Surrey. Nymph. LondonHets] 16 June 1917 [Box Hill, Surrey. Nymph. LondonHets] 20 June 1943 [Hampstead Heath, Middlesex. LondonHets] 19 June 1934 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 20 June 2001 [Mullion Cove village, Cornwall. CornwallHets] 20 June 1960 [Radlett, Hertfordshire. Adults and nymphs. EMM97:65-71]
06E: 23 June 1961 [Aldenham, Hertfordshire. LondonHets] 25 June 1948 [Arbrook Common, Surrey. LondonHets] 21 June 1947 [Ashtead, Surrey. LondonHets] 21 June 1955 [Bookham Common, Surrey. Nymph. LondonHets] 22 June 1989 [Cadsonbury, Cornwall. CornwallHets] 24 June 2003 [Cape Cornwall, Cornwall. CornwallHets] 22 June 1960 [Elstree, Hertfordshire. LondonHets] 25 June 1966 [Great Culand Chalk Pit, Burnham, Kent. PTSLENHS1966:118] 23 June 2003 [Gwithian Towan, Cornwall. CornwallHets] 24 June 1957 [Highnam Pinetum, Gloucestershire. GloucsHets] 23 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 23 June 2003 [Loe Pool, Cornwall. CornwallHets] 25 June 2015 [Near Burgclere, VC12. Hem3:55] 21 June 2001 [Poldhu Cove, Cornwall. CornwallHets] 23 June 2003 [Poldhu Cove, Cornwall. CornwallHets] 22 June 1947 [Well Head, Totternhoe, Bedfordshire. EMM86:6-8]
06F: 26 June 1915 [Abinger, Surrey. Nymphs. LondonHets] 26 June 1976 [Dagnam Park, Essex. LondonHets] 30 June 2004 [Great Cheverell Hill, VC8. Hem5:190] 29 June 1911 [Mickleham, Surrey. LondonHets] 28 June 1966 [Otford, Kent. LondonHets] 26 June 1960 [Radlett, Hertfordshire. LondonHets] 26 June 1957 [Regent's Park, Middlesex. LondonHets] 27 June 1955 [Ruislip LNR, Middlesex. Nymphs. LondonHets] 29 June 1989 [St Just in Roseland, Cornwall. CornwallHets] 30 June 1963 [Weybridge, Surrey. LondonHets] 30 June 1960 [Whetstone, Hertfordshire. Male and female. LondonHets]
07A: 3 July 1958 [Bookham Common, Surrey. LondonHets] 3 July 1956 [Bricket Wood Common, Hertfordshire. Adult and nymphs. LondonHets] 2 July 1950 [Brockenhurst. PTSLENHS1950-51:71-72] 2 July 1961 [Farningham Wood, Kent. LondonHets] 2 July 2009 [Lincoln, VC53. Hem3:91] 4 July 1989 [Nare Head, Cornwall. CornwallHets] 4 July 2017 [Near Oxford. Hem6:264] 4 July 1954 [Old Coulsdon Valley, Surrey. Nymphs. LondonHets] 4 July 1900 [Rickmansworth, Hertfordshire. LondonHets] 5 July 1989 [Treluggan Cliff, Cornwall. CornwallHets] 3 July 1989 [Zone Point, St Anthony Head, Cornwall. CornwallHets]
07B: 10 July 1946 [Ashtead, Surrey. LondonHets] 7 July 1934 [Bookham Common, Surrey. LondonHets] 10 July 1955 [Bookham Common, Surrey. Nymph. LondonHets] 8 July 1995 [Dowdeswell Wood, Gloucestershire. GloucsHets] 10 July 1954 [Egham, Surrey. LondonHets] 8 July 1944 [Finchley, Middlesex. LondonHets] 10 July 1989 [Glebe Cliff, Tintagel, Cornwall. CornwallHets] 7 July 1954 [Grounds of Rothamsted Experimental Station, Harpenden. Adult. LondonHets] 9 July 1943 [Guildford, Surrey. LondonHets] 7 July 1900 [Horsley. PSLENHS1900:15-16] 8 July 1955 [Nonsuch Park, Cheam, Surrey. Adult and nymph. LondonHets] 8 July 1967 [Ruxley Gravel-pit, Kent. LondonHets] 10 July 1924 [Tooting Bec, Surrey. Nymph. LondonHets] 7 July 1950 [Trawscoed, Cardiganshire. Male and female. EMM92:54-64] 10 July 1989 [Treknow Cliff, Tintagel, Cornwall. CornwallHets] 7 July 1960

[Whetstone, Hertfordshire. Male. LondonHets] 7 July 1957 [Wyre Forest, Shropshire. EMM94:93]

07C: 14 July 1990 [Beachley Point, Gloucestershire. GloucsHets] 14 July 1958 [Bookham Common, Surrey. Nymph. LondonHets] 12 July 1954 [Grounds of Rothamsted Experimental Station, Harpenden. Adult. LondonHets] 14 July 1979 [Hackbridge, Surrey. LondonHets] 14 July 1953 [Hounslow Heath, Middlesex. LondonHets] 12 July 1958 [Riddlesdown, Surrey. Nymph. LondonHets] 15 July 1989 [Rodborough Common, Gloucestershire. GloucsHets] 12 July 2006 [Sandy Mouth, Cornwall. CornwallHets] 11 July 2001 [The Straythe, Caragloose, Cornwall. CornwallHets] 11 July 2003 [West Pentire, near Newquay, West Cornwall. BJENH18:165-170] 15 July 1944 [Woodchester Park, Gloucestershire. GloucsHets]

07D: 20 July 1946 [Ashtead. PTSLENHS1946-47:73-74] 19 July 1953 [Bookham Common, Surrey. Adults and nymph. LondonHets] 20 July 1969 [Bookham Common, Surrey. LondonHets] 16 July 1989 [Cannop Marsh, Gloucestershire. GloucsHets] 18 July 1927 [Cap of Dunloe, North Kerry. Adults just matured. IrelandHets] 19 July 2002 [Carne Farm, Penpoll, Cornwall. CornwallHets] 20 July 1983 [Chalk Lane, The King's Forest, VC26. Hem4:23] 20 July 2005 [Churchtown Farm, Saltash, Cornwall. CornwallHets] 20 July 1991 [Cockleford, Gloucestershire. GloucsHets] 20 July 1955 [Derwenlas, Montgomeryshire. Male and females. EMM92:54-64] 18 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 19 July 1983 [Devil's Punchbowl, VC28. Hem4:23] 17 July 1948 [Folly Wood, Caddington, Bedfordshire. EMM86:6-8] 16 July 1944 [Marsden, Gloucestershire. GloucsHets] 17 July 1948 [Mickleham Downs. PTSLENHS1948-49:73-74] 16 July 1965 [Otford Downs, Kent. LondonHets] 18 July 1955 [Penparcau, Cardiganshire. Males and females. EMM92:54-64] 16 July 1992 [Sherborne Estate, Gloucestershire. GloucsHets] 20 July 1983 [Two Mile Bottom, VC28. Hem4:23] 17 July 2003 [West Pentire Farm, Cornwall. CornwallHets]

07E: 24 July 1954 [Abbey Wood, Kent. LondonHets] 23 July 1980 [Boxhill, Surrey. LondonHets] 21 July 1983 [Chalk Lane, The King's Forest, VC26. Hem4:23] 22 July 1933 [Chobham, Surrey. LondonHets] 21 July 1962 [Cowley, Gloucestershire. GloucsHets] 21 July 1900 [Elmers End, Kent. LondonHets] 21 July 1954 [Grounds of Rothamsted Experimental Station, Harpenden. Adult. LondonHets] 22 July 1943 [Guildford, Surrey. LondonHets] 22 July 1968 [Long Ashton Research Station. Female. EMM109:132-139] 22 July 1955 [Nonsuch Park, Cheam, Surrey. Adult and nymph. LondonHets] 21 July 1955 [Rhayader, Radnorshire. Male and female. EMM92:54-64] 24 July 1956 [Ruislip LNR, Middlesex. Adult and nymph. LondonHets] 24 July 1953 [Salcey Forest, Northamptonshire. Females. EMM93:49-51] 21 July 1983 [Santon Warren, VC28. Hem4:23] 22 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets] 23 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets] 22 July 1955 [Tregaron Bog Nature Reserve, Cardiganshire. Adults. EMM92:221-225] 22 July 1955 [Tregaron Bog, Cardiganshire. Females. EMM92:54-64]

07F: 29 July 1950 [Bookham. PTSLENHS1950-51:75-76] 31 July 1969 [Bookham Common, Surrey. LondonHets] 29 July 1954 [Gogerddan, Cardiganshire. EMM92:54-64] 30 July 1954 [Grounds of Rothamsted Experimental Station, Harpenden. Adult. LondonHets] 28 July 1967 [Long Ashton Research Station. Male. EMM109:132-139] 27 July 1944 [NW of Houghton Regis, Bedfordshire. EMM81:183-185] 29 July 1955 [Ruislip LNR, Middlesex. Adult. LondonHets] 29 July 1958 [Ruislip LNR, Middlesex. Adult. LondonHets]

08A: 5 August 1969 [Bookham Common, Surrey. LondonHets] 5 August 2006 [Chipstead, Surrey. LondonHets] 4 August 1984 [Church Wood, Blean, Kent. PTBENHS18:30-31] 3 August 1960 [Flitton, Bedfordshire. PTSLENHS1960:111-123] 1 August 1954 [Grounds of Rothamsted Experimental Station, Harpenden. Adult. LondonHets] 2 August 1897 [Headley Lane, Surrey. LondonHets] 4 August 1923 [Ranmore Common, Surrey. LondonHets] 4 August 1960 [Sharpenhoe, Bedfordshire. PTSLENHS1960:111-123] 2 August 1963 [Warlingham, Surrey. LondonHets] 1 August 1960 [Whetstone, Hertfordshire. Male and female. LondonHets]

08B: 9 August 1953 [Bookham Common, Surrey. Females. LondonHets] 9 August 1966 [Bookham Common, Surrey. LondonHets] 7 August 1977 [Dagnam Park, Essex. LondonHets] 6 August 1960 [Flitwick Moor, Bedfordshire. PTSLENHS1960:111-123] 9 August 1936 [Gomshall, Surrey. PTSLENHS1936-37:30-32] 8 August 2018 [Near Birch Hall, Langdale

Forest, North York Moors, VC61. Hem6:215] 8 August 1891 [Oxshott Heath, Surrey. LondonHets] 10 August 1980 [Two Mile Bottom, VC28. Hem4:23]
08C: 11 August 1969 [Bookham Common, Surrey. LondonHets] 12 August 1960 [Kensworth, Bedfordshire. PTSLENHS1960:111-123]
08D: 16 August 1939 [Felbridge, Surrey. LondonHets] 19 August 1980 [Ludham, VC27. Hem4:23] 20 August 1966 [Outwood Common, Surrey. LondonHets] 20 August 2002 [Porthcurnick, Cornwall. CornwallHets]
08E: 21 August 2002 [Bossiney Cliffs, Cornwall. CornwallHets] 23 August 1951 [Martin's Haven, Pembrokeshire. EMM88:22]
09A: 2 September 1979 [Mitcham Common, Surrey. LondonHets]
09B: 6 September 1954 [Headley, Surrey. LondonHets] 7 September 1983 [Mitcham Common, Surrey. LondonHets]

Sthenarus rotermundi (Scholtz) (Miridae)
05A: 2 May 1937 [Ealing, Middlesex. Nymphs. Ent71:148-153]
06B: 10 June 1954 [Ditton Park, Buckinghamshire. Nymphs. EMM91:65]
06C: 15 June 1948 [Ashtead, Surrey. LondonHets] 14 June 1952 [Ashtead, Surrey. LondonHets]
06E: 22 June 1912 [Burnham Beeches, Buckinghamshire. LondonHets]
06F: 30 June 1941 [Guildford, Surrey. LondonHets]
07A: 2 July 1954 [Datchet, Buckinghamshire. LondonHets] 1 July 1956 [Grounds of Pest Infestation Laboratory, Slough. LondonHets] 2 July 1948 [Wimbledon Common, Surrey. LondonHets]
07B: 10 July 1948 [Scratch Wood, Edgware, Middlesex. LondonHets]
07C: 12 July 2019 [Beverley, VC61. Hem6:255] 13 July 1895 [Blackheath, Kent. LondonHets]
07D: 18 July 1943 [Hampstead Heath, Middlesex. LondonHets] 18 July 1960 [Scratch Wood, Edgware, Middlesex. Adults. LondonHets]
07E: 21 July 1951 [Great Missenden, Buckinghamshire. LondonHets] 22 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets]
07F: 28 July 1960 [Scratch Wood, Edgware, Middlesex. Males and females. LondonHets]
08A: 2 August 1896 [Blackheath, Kent. LondonHets] 2 August 1981 [Darenth Wood, Kent. LondonHets] 3 August 1960 [Flitton, Bedfordshire. Males and females. PTSLENHS1960:111-123] 5 August 1958 [Mill Hill, Middlesex. LondonHets] 2 August 1966 [Near Putney Bridge, Surrey. LondonHets] 5 August 1958 [Scratch Wood, Edgware, Middlesex. LondonHets] 5 August 1925 [Woodford, Essex. LondonHets]
08B: 10 August 1958 [Bookham Common, Surrey. Adult females. LondonHets]
08C: 11 August 1936 [Ealing, Middlesex. Ent71:148-153]
08D: 20 August 2016 [Ifton Meadows, VC40. Hem5:157] 19 August 1985 [Newnham, Gloucestershire. GloucsHets]
08E: 23 August 1967 [Mitcham Common, Surrey. LondonHets] 25 August 1984 [VC18. HSGN4:4]
08F: 29 August 2009 [Lincoln , VC53. Hem3:91] 31 August 1935 [Uxbridge and South Harefield, Middlesex. Ent71:148-153]
09C: 12 September 1908 [Highgate Station, Middlesex. LondonHets]

Strongylocoris leucocephalus (Linnaeus) (Miridae)
05E: 23 May 1948 [Box Hill. PTSLENHS1948-49:69-70]
05F: 31 May 1919 [Boxhill, Surrey. Nymphs. LondonHets]
06A: 3 June 1993 [Cissbury Ring, West Sussex. BJENH7:174] 3 June 1985 [Minchinhampton Common, Gloucestershire. GloucsHets]
06B: 9 June 1917 [Boxhill, Surrey. LondonHets] 7 June 1954 [Longdown Hill, Buckinghamshire. EMM90:250]
06C: 12 June 1937 [Boxhill, Surrey. LondonHets] 14 June 1917 [Findon, Worthing. Male. EMM93:49-51]
06D: 16 June 1962 [Bald Hill, Oxfordshire. Adults and nymphs. EMM98:166] 16 June 1917 [Boxhill, Surrey. LondonHets] 19 June 2015 [Cleeve Common, Gloucestershire. HN23:11] 20

June 1943 [Monkham Wood, Gloucestershire. GloucsHets] 19 June 2002 [Sovell Down, Dorset. HN2:7]
06E: 24 June 1951 [Boxhill, Surrey. LondonHets] 21 June 1890 [Mickleham. APSLENHS1890-91:35-36]
06F: 26 June 1933 [Berkhamsted Common, Hertfordshire. LondonHets]
07A: 3 July 1949 [Dunstable, Bedfordshire. EMM86:109]
07B: 8 July 1951 [Gomshall, Surrey. LondonHets]
07C: 11 July 1954 [Coombe Hill, Buckinghamshire. EMM90:250] 14 July 2003 [Great Cheverell Hill NR, VC8. Hem5:190] 15 July 1990 [Rodborough Common, Gloucestershire. GloucsHets]
07E: 25 July 1908 [Ditchling, Sussex. Female. EMM93:49-51] 24 July 2002 [Stonehill Down, Dorset. HN2:7]
07F: 28 July 2013 [Ringstead Downs NR, VC28. Hem4:39]
08A: 3 August 1959 [Dunstable Downs, Bedfordshire. PTSLENHS1960:111-123]

Strongylocoris luridus (Fallén) (Miridae)
06B: 8 June 2002 [Sinah Common, VC11. Adults and nymphs. HN3:5] 9 June 1956 [Tregardock and Pentire Head, north coast of Cornwall. Adults and nymphs. EMM92:372-374]
06C: 13 June 2005 [Lower Predannack Cliff, Cornwall. CornwallHets]
06D: 17 June 1987 [St Martin's, Cornwall. CornwallHets]
06F: 28 June 1989 [The Dodman, Cornwall. CornwallHets]
07A: 4 July 2006 [Rinsey Head, Cornwall. CornwallHets]
07C: 13 July 2005 [Dryers Pit, Bugle, Cornwall. Adults. CornwallHets] 11 July 2006 [Prussia Cove, Cornwall. CornwallHets]
07E: 21 July 2005 [Lower Predannack Cliff, Cornwall. CornwallHets]
08B: 8 August 2007 [Bosigran Cliff, Zennor, Cornwall. BJENH21:184]
08D: 16 August [Weybridge. EMM4:265-271]

Systellonotus triguttatus (Linnaeus) (Miridae)
05F: 28 May 1953 [Taplow, Buckinghamshire. Adults and nymphs. EMM89:270]
06B: 7 June 2011 [Both sides of Wish Stream, Wishmoor Bottom, Camberley, VC 17 & VC22 border. HN19/20:9] 7 June 1914 [Boxhill, Surrey. Male. LondonHets] 6 June 1916 [Icklingham, Suffolk. Males, females and nymphs. AntGuests] 7 June 1865 [Weybridge. Males, females and nymphs. EMM2:30-31] 7 June 1875 [Weybridge. Including females. AntGuests]
06C: 12 June 1937 [Boxhill, Surrey. Male. LondonHets]
06D: 19 June 1974 [Porton Ranges, Hampshire. Adult and nymph reared in culture, both females. PTBENHS7:92]
06E: 25 June 2011 [Eelmoor Marsh, VC12. HN19/20:9] 25 June 1966 [Great Culand Chalk Pit, Burnham, Kent. PTSLENHS1966:118]
06F: 30 June 2000 [Browndown and Gilkicker Point, South Hampshire. EMM137:231-232] 27 June 1959 [Chobham, Surrey. LondonHets] 28 June 1879 [Croxton, Norfolk. EMM69:234-245]
07B: 10 July 1937 [Boxhill, Surrey. Male. LondonHets] 8 July 1950 [Otford, Kent. LondonHets]
07D: 17 July 1937 [Boxhill, Surrey. Males and females. LondonHets] 18 July 1937 [Boxhill, Surrey. Male. LondonHets] 20 July 1960 [Great Culand, Kent. Male. PTBENHS7:92] 19 July 1952 [Hounslow Heath, Middlesex. Adult male and females and nymphs. Ent86:34-40]
07F: 29 July 1937 [Boxhill, Surrey. LondonHets] 26 July 1952 [Hounslow Heath, Middlesex. LondonHets]
08A: 2 August 1926 [Otford, Kent. Male. LondonHets]
08E: 23 August 1960 [Gt. Culand, Eccles, Kent. LondonHets] 25 August 1962 [Trottiscliffe, Kent. PTSLENHS1962:99-100]
09A: 5 September 1996 [Woolmer Forest, North Hampshire. Adults and nymphs. EMM133:175-176]

Teratocoris antennatus (Boheman) (Miridae)
05A: 5 May 1953 [Hounslow Heath, Middlesex. Female macropter. Ent87:15-18]
06C: 15 June 2009 [Sidlesham Ferry, VC13. Hem6:232]

06E: 23 June 1958 [West Wittering, Sussex. Nymphs reared in culture. EMM95:61]
07A: 4 July 1959 [Slough, Buckinghamshire. LondonHets]
07E: 22 July 1964 [Esher Common, Surrey. LondonHets]
07F: 27 July 1964 [Esher Common, Surrey. LondonHets] 26 July 1952 [Hounslow Heath, Middlesex. Ent86:34-40]
08C: 15 August 2008 [Coombe Hill Meadows NR, VC33. Male. HN13:11]
08D: 18 August 1957 [Halton, near Wendover, Buckinghamshire. LondonHets] 18 August 1954 [Near Slough, Buckinghamshire. Nymphs. EMM91:36]
08E: 25 August 1984 [VC18. HSGN4:4]
09A: 2 September 2015 [Beside Shoreham Airport, VC13. Hem6:232] 4 September 2014 [Wheatfen, VC27. Hem4:39]
09C: 15 September 1963 [High Halstow, Kent. PTSLENHS1963Part1:73-74]
09D: 20 September 1953 [Wolvercote, Ocfordshire. Females and male. EMM90:240]

Teratocoris caricis Kirkaldy (Miridae)
06C: 15 June 1992 [Kielder Water, Northumberland. BJENH7:174-175]
07B: 7 July 1935 [Sunbiggin, Westmorland. Males and female. Ent100:229-237]
07C: 15 July 1938 [Aviemore, Inverness-shire. Males and females. Ent100:229-237]
07D: 16 July 1938 [Aviemore, Inverness-shire. Male and females. Ent100:229-237]
07E: 23 July 1953 [Killin, VC88. Male and females. Ent100:229-237]
07F: 30 July 1990 [Kirkaldy, Dunalastair Water, Perthshire. BJENH5:77-78] 29 July 1990 [Lochan an Daim, Perthshire. BJENH5:77-78]

Teratocoris saundersi Douglas & Scott (Miridae)
06B: 8 June 1950 [Otmoor, Oxfordshire. Female. EMM90:240]
06E: 25 June 1976 [Charlton, London. Male macropter. ERJV90:189]
07A: 4 July 1959 [Slough, Buckinghamshire. LondonHets]
07C: 11 July 1955 [East of Milford-on-Sea, Hampshire. EMM92:48]
07D: 16 July 1932 [Dromahair, Leitrim. Female macropter. IrelandHets] 20 July 1954 [Mochras, Merionethshire. Female. EMM92:54-64]
07E: 25 July 1928 [Clonmel, South Tipperary. Female macropter. IrelandHets]
07F: 27 July 2013 [Thornham, VC28. Hem4:39]
08A: 2 August 1958 [Near Slough, Buckinghamshire. Male and females. EMM95:61]
08B: 8 August 1967 [Loch Lomond NNR mainland area, Dumbartonshire. EMM114:21-24]
08C: 15 August 1936 [Llandudno. EMM73:90-91]
08D: 17 August 1985 [Newborough Warren NNR, Anglesey. HSGN6:3]
08F: 27 August 1962 [Inch, Co Kerry. EMM98:207]
09B: 9 September 1985 [Dozmary Pool, Cornwall. CornwallHets] 9 September 2015 [Upper Unk wildlife site, VC40. HN23:11]

Teratocoris viridis Douglas & Scott (Miridae)
06E: 21 June 1899 [Tullyarden, East Donegal. IrelandHets]
07C: 13 July [Moor House NR, Westmorland. Adult. TSBE19:173-235]
07D: 16 July 1932 [Killaleen Lough, Leitrim. IrelandHets] 19 July 1932 [North of Dromahair, Leitrim. IrelandHets]
07E: 23 July 1932 [Glencar, Sligo. IrelandHets]
07F: 30 July 1990 [Lochan an Daim, Perthshire. BJENH5:77-78]
08A: 1 August 1990 [Ben Lawers, Perthshire. BJENH5:77-78] 2 August 1876 [Dava, Morayshire. EMM14:186-187]
09B: 9 September [Moor House NR, Westmorland. Adult. TSBE19:173-235]

Tinicephalus hortulanus (Meyer-Dür) (Miridae)
06B: 9 June 1917 [Boxhill, Surrey. Nymphs. LondonHets] 10 June 1953 [Wooburn Green, Buckinghamshire. LondonHets]

06C: 11 June 1944 [Colesbourne, Gloucestershire. GloucsHets] 15 June 1990 [Rodborough Common, Gloucestershire. GloucsHets]
06D: 18 June 1987 [Spoonley Farm, Gloucestershire. GloucsHets]
06F: 26 June 1915 [Abinger, Surrey. LondonHets] 29 June [Hayling Downs, Kent. EMM95:96]
07B: 10 July 2010 [Anston Stones Wood SSSI at Little Stones, VC63. HN16:13] 6 July 1958 [Folkestone Warren, Kent. EMM95:96] 6 July 1958 [Folkestone, Kent. PTSLENHS1958:73-74] 10 July 2010 [Near Maltby at Wood Lee Common SSSI, VC63. HN16:13] 8 July 1955 [Park Downs, Banstead, Surrey. Adults and nymphs. EMM92:47-48]
07C: 11 July 1956 [Chipstead, Surrey. LondonHets] 11 July 1954 [Coombe Hill, Buckinghamshire. LondonHets]
07D: 20 July 1960 [Cranborne, Dorset. EMM96:152] 17 July 1948 [Mickleham Downs. PTSLENHS1948-49:73-74]
09D: 18 September 1934 [Latimer, Buckinghamshire. LondonHets]

Trigonotylus caelestialium (Kirkaldy) (Miridae)
06C: 15 June 2011 [Queen Wood, Christmas Common, Chiltern Hills, VC23. Hem2:58]
06E: 23 June 1953 [Hounslow Heath, Middlesex. Female. EMM128:11-14]
06F: 26 June 1971 [Brough, VC61. ERJV105:176] 27 June 1960 [Chanctonbury Ring, West Sussex. ERJV105:37-38] 26 June 2003 [Hayle Estuary, Cornwall. CornwallHets] 30 June 1922 [O. G. Heath, Middlesex. Male. EMM128:11-14]
07B: 9 July 2003 [Wimpole: Pond Field, VC29. Hem4:145]
07D: 19 July 2008 [Chobham Common NNR, VC17. Hem2:58] 17 July 2014 [Worminghall, VC24. Hem2:58]
08A: 5 August 2011 [Near Sydlings Copse, near Oxford, VC23. Hem2:58] 1 August 2003 [The Moors NR, VC11. Hem3:109]
08B: 7 August 2015 [Brandon, VC26. Hem3:99] 9 August 2018 [Coast from Spurn to Withersea, VC61. Hem6:215] 10 August 2018 [Lockham, VC61. Hem6:216] 8 August 2004 [Market Rasen, Dear Street, VC54. Hem3:91] 10 August 2018 [Near Sands Farm, River Humber, VC61. Hem6:216] 6 August 2003 [Silverwood, VC63. HN7:15] 7 August 2018 [Skipsea/Holmpton, VC61. Hem6:215] 9 August 2018 [Spurn peninsula, VC61. Hem6:215] 8 August 2009 [Stanton St John, VC23. Hem2:58]
08C: 11 August 2018 [Baker Street, Hull, VC61. Hem6:216] 11 August 2018 [River Humber, Ferriby, VC61. Hem6:216] 11 August 2004 [Whitescourt, Awre, VC34. BJENH19:34-37]
08D: 18 August 2014 [Redwell Marsh SSSI, VC28. Hem3:99]
08F: 26 August 2007 [Iffley Meadows, Oxford, VC22. Hem2:58] 29 August 2007 [Walton Well Road, Oxford, VC23. Hem2:58]
09A: 4 September 2014 [Stanton St John, VC23. Hem2:58]
09B: 6 September 2014 [Stanton St John, VC23. Hem2:58]
09E: 23 September 2007 [Iffley Meadows, Oxford, VC22. Hem2:58]
09F: 30 September 2009 [Lincoln, VC53. Hem3:91]

Trigonotylus psammaecolor Reuter (Miridae)
06C: 11 June 1961 [Sandwich Bay, Kent. Males. EMM99:230-232]
06E: 25 June 1972 [Spurn, Yorkshire. EMM112:238]
06F: 27 June 1960 [West Wittering, Sussex. Male and female. EMM99:230-232]
07A: 4 July 1958 [West Wittering, Sussex. EMM95:48]
08A: 1 August 2000 [Beacon Lagoons NR, VC61. HN2:8]
08C: 15 August 1955 [Ynyslas, Cardiganshire. EMM92:54-64]
08E: 23 August 1984 [Great Yarmouth, Norfolk. PTBENHS19:55]

Trigonotylus ruficornis (Geoffroy) (Miridae)
06C: 14 June 2008 [The Holies, Streatley, VC22. Hem2:56]
06D: 16 June 2010 [The Holies, Streatley, VC22. Hem2:56] 16 June 2014 [The Holies, Streatley, VC22. Hem2:56]

06E: 23 June 2014 [Aston Rowant NNR, Chiltern Hills, VC23. Hem2:56] 21 June 2010 [Greenham Common, Newbury, VC22. Hem2:56] 22 June 2010 [Greenham Common, Newbury, VC22. Hem2:56] 25 June 2011 [Hawkhill Inclosure, near Brockenhurst, New Forest, VC11. Hem2:56] 23 June 1995 [Highgate Common, VC39. Hem3:99] 23 June 2008 [Hitchcopse Pit, Dry Sandford, VC22. Hem2:56] 25 June 2009 [The Holies, Streatley, VC22. Hem2:56] 21 June 2011 [The Holies, Streatley, VC22. Hem2:56] 23 June 2006 [Waterperry Wood, VC23. Hem2:56]

06F: 29 June 2011 [Cowleaze Wood, Chiltern Hills, VC23. Hem2:56] 30 June 2008 [Lightwater Country Park, VC17. Hem2:56] 28 June 2010 [Snailbeach Mine, VC40. Hem5:157] 26 June 2008 [The Holies, Streatley, VC22. Hem2:56] 29 June 2011 [Wicken Fen: Adventurers' Fen, VC29. Hem4:145]

07A: 4 July 2006 [Combe Field West, Goring, VC23. Hem2:56] 3 July 2010 [Greenham Common, Newbury, VC22. Hem2:56]

07B: 9 July 2011 [Burnt Platt Wood, Stoke Row, Chiltern Hills, VC23. Hem2:56] 7 July 2014 [Holme, VC28. Hem3:99] 8 July 2001 [Red Moor, Cornwall. CornwallHets] 8 July 2001 [Retire Common, Cornwall. CornwallHets] 8 July 2019 [Strensall Common, near York, VC62. Hem6:253]

07C: 12 July 2006 [Aston Rowant NNR, Chiltern Hills, VC23. Hem2:56] 14 July 1990 [Beachley Point, Gloucestershire. GloucsHets] 11 July 2006 [Inkpen Common, VC22. Hem2:56] 11 July 2003 [West Pentire, near Newquay, West Cornwall. BJENH18:165-170]

07D: 19 July 2008 [Chobham Common NNR, VC17. Hem2:56] 20 July 2006 [Haye Farm, St Dominick, Cornwall. CornwallHets] 19 July 1983 [Lakenheath Warren, VC26. Hem4:23] 17 July 2006 [Wildmoor Heath, Crowthorne, VC22. Hem2:56]

07E: 21 July 1983 [Santon Warren, VC28. Hem4:23] 23 July 2011 [Thursley Common, VC17. Hem2:56]

07F: 26 July 2008 [Bagshot Heath, VC17. Hem2:56] 26 July 2006 [Moor Copse, near Pangbourne, VC22. Hem2:56]

08A: 5 August 1980 [Beverley Road, Hull, VC61. Hem4:146] 2 August 2006 [Pentire Head, St Minver Highlands, Cornwall. CornwallHets]

08B: 9 August 1980 [Chalk Lane, The King's Forest, VC26. Hem4:23] 7 August 2008 [Enstone, VC23. Hem2:56] 8 August 2006 [Foage Farm, Zennor, Cornwall. CornwallHets] 8 August 2019 [Lydeard Hill, Quantock Hills, VC5. Hem6:263] 8 August 2009 [Stanton St John, VC23. Hem2:56] 10 August 2004 [Willingham Forest, Chapel Hill Farm, VC54. Hem3:91]

08C: 11 August 2010 [Bosham Harbour, near Chichester, VC13. Hem2:56] 15 August 1993 [Poor's Allotment, Gloucestershire. GloucsHets] 11 August 2018 [River Humber, Ferriby, VC61. Hem6:216] 15 August 1992 [The Dumbles, Gloucestershire. GloucsHets]

08D: 17 August 1995 [Little Comberton, Worcestershire. EG48:23-33] 16 August 1996 [Sutton Park, VC38. Hem3:99]

08E: 22 August 2002 [Bossiney Common, Cornwall. CornwallHets] 23 August 2000 [Lostwithiel, Cornwall. CornwallHets]

09E: 23 September 2007 [Iffley Meadows, Oxford, VC22. Hem2:56]

Trigonotylus ruficornis/caelestialium AMBIGUOUS (Miridae)

05C: 12 May 1934 [St Martha's, Chilworth. PTSLENHS1934-35:12-15]

05E: 25 May 1951 [West End Common, Surrey. LondonHets]

06A: 5 June 1960 [Blackheath, Kent. LondonHets]

06C: 14 June 1913 [Epping Forest, Essex. Nymph. LondonHets] 11 June 1959 [Wimbledon Common, Surrey. Nymphs. EMM97:65-71]

06D: 18 June 1959 [Blackheath, Kent. LondonHets] 19 June 1960 [Blackheath, Kent. LondonHets] 20 June 1960 [Blackheath, Kent. LondonHets] 19 June 1915 [Byfleet, Surrey. Nymph. LondonHets] 20 June 1960 [Radlett, Hertfordshire. Adults and nymphs. EMM97:65-71] 20 June 1897 [Wimbledon Common, Surrey. LondonHets]

06E: 24 June 1951 [Boxhill. PTSLENHS1951-52:xvi] 21 June 1989 [Cotehele, Cornwall. CornwallHets] 22 June 1960 [Elstree, Hertfordshire. LondonHets] 23 June 1961 [Hawridge Common, near Chesham, Buckinghamshire. LondonHets]

06F: 27 June 1891 [Colwyn, Denbigh. EMM99:230-232] 26 June 1957 [Oakley Wood, Buckinghamshire. EMM99:230-232]

07A: 3 July 1959 [Blackheath, Kent. LondonHets] 2 July 1960 [Dartmouth, Devon. EMM99:230-232] 1 July 1933 [Freshie Glen, near Aviemore, Inverness-shire. JSBE1:131-141] 3 July 1960 [Lea Moor, Devon. EMM99:230-232] 1 July 1951 [Penn Wood, Buckinghamshire. LondonHets] 4 July 1958 [West Wittering, Sussex. EMM95:48] 2 July 1948 [Wimbledon Common, Surrey. LondonHets]

07B: 10 July 1948 [Ashtead, Surrey. LondonHets] 8 July 1959 [Blackheath, Kent. LondonHets] 10 July 1955 [Bookham Common, Surrey. LondonHets] 8 July 1950 [Byfleet. PTSLENHS1950-51:72-73] 10 July 1954 [Egham, Surrey. LondonHets] 7 July 1957 [Hartlebury Common LNR, Worcestershire. EMM133:17-26] 7 July 1906 [Isle of Sheppey, Kent. EMM99:230-232] 8 July 1959 [Ivinghoe, Buckinghamshire. LondonHets] 6 July 1895 [Kidbrooke Lane, Kent. LondonHets] 10 July 1948 [Scratch Wood, Edgware, Middlesex. LondonHets] 7 July 1897 [Wimbledon Common, Surrey. LondonHets]

07C: 15 July 1959 [Blackheath, Kent. LondonHets] 14 July 1980 [Crossthwaite Common, Upper Teesdale. EMM117:173] 14 July 1963 [Higham, Kent. LondonHets] 12 July 1952 [Oxshott Heath and Esher Common. PTSLENHS1952-53:83-84] 12 July 1964 [Swanscombe Skull site, Kent. LondonHets]

07D: 17 July 1955 [Aberystwyth, Cardiganshire. Females. EMM92:54-64] 19 July 1947 [Ashtead, Surrey. LondonHets] 17 July 1959 [Blackheath, Kent. LondonHets] 20 July 1955 [Derwenlas, Montgomeryshire. Male and females. EMM92:54-64] 16 July 1903 [Phoenix Park, Dublin. IrelandHets] 17 July 1992 [Plymouth, Devon. EMM99:230-232] 18 July 1953 [Stoke Common, Buckinghamshire. LondonHets]

07E: 25 July 1943 [Bushey, Hertfordshire. LondonHets] 21 July 1955 [Capel Bangor, Cardiganshire. Males. EMM92:54-64] 22 July 1943 [Guildford, Surrey. Female. LondonHets] 23 July 1898 [Kidbrooke, Kent. LondonHets] 21 July 1955 [Rhayader, Radnorshire. Male and females. EMM92:54-64] 24 July 1960 [Westerham, Kent. LondonHets]

07F: 29 July 1954 [Gogerddan, Cardiganshire. EMM92:54-64] 26 July 1953 [Hounslow Heath, Middlesex. LondonHets] 27 July 1963 [Knole Park, Sevenoaks, Kent. LondonHets] 28 July 1960 [Scratch Wood, Edgware, Middlesex. LondonHets]

08A: 5 August 1976 [Darenth Wood, Kent. LondonHets] 3 August 1960 [Flitton, Bedfordshire. PTSLENHS1960:111-123] 1 August 1954 [Grounds of Rothamsted Experimental Station, Harpenden. LondonHets] 5 August 1960 [Hampstead Heath, London. EMM99:230-232] 5 August 1960 [Mill Hill, Middlesex. LondonHets] 4 August 1960 [Sharpenhoe, Bedfordshire. PTSLENHS1960:111-123] 1 August 1960 [Whetstone, Hertfordshire. Male. LondonHets]

08B: 8 August 1967 [Aber Isle, Dumbartonshire. EMM114:21-24] 9 August 1953 [Bookham Common, Surrey. Female. LondonHets] 6 August 1895 [Bookham Common, Surrey. LondonHets] 8 August 1964 [Epping Forest, Essex. LondonHets] 6 August 1898 [Kidbrooke, Kent. LondonHets] 8 August 1967 [Loch Lomond NNR mainland area, Dumbartonshire. EMM114:21-24] 9 August 1964 [Ruislip LNR, Middlesex. Adults and nymphs. LondonHets]

08C: 15 August 1946 [Ashtead, Surrey. LondonHets] 13 August 1900 [Huntingfield, Faversham, Kent. EMM99:230-232] 15 August 1958 [Scratch Wood, Edgware, Middlesex. LondonHets] 11 August 1979 [Stifford, Essex. LondonHets] 13 August 1951 [West End Common, Surrey. LondonHets]

08D: 16 August 1964 [Ruislip LNR, Middlesex. Adults and nymphs. LondonHets] 17 August 1960 [Sandy, Bedfordshire. PTSLENHS1960:111-123]

08F: 28 August 1963 [Blackheath, Kent. LondonHets] 26 August 1970 [Caerlaverock NNR, Dumfriesshire. EMM109:60] 31 August 1895 [Kidbrooke, Kent. LondonHets]

09B: 6 September 1964 [Headley, Surrey. LondonHets] 10 September 1960 [Steppingley, Bedfordshire. PTSLENHS1960:111-123]

09C: 14 September 1947 [Ashtead, Surrey. LondonHets] 13 September 1890 [Dartford, Kent. LondonHets]

09D: 19 September 1913 [Chobham Common, Surrey. LondonHets] 16 September 1963 [Epping Forest, Essex. LondonHets] 17 September 1957 [Plumstead, Kent. LondonHets] 20 September 1957 [Plumstead, Kent. LondonHets]

09E: 22 September 1952 [Hounslow Heath, Middlesex. LondonHets]
11A: 5 November 1963 [Blackheath, Kent. LondonHets]

Tropidosteptes pacificus (Van Duzee) (Miridae)
06C: 11 June 2012 [Alexandra Park, north London, VC21. Adults. BJENH26:45]
09D: 20 September 2012 [Alexandra Park, north London, VC21. Adults. BJENH26:45]

Tupiocoris rhododendri (Dolling) (Miridae)
06C: 12 June 1981 [Holt Hall, VC27. Hem4:44]
06E: 23 June 1977 [Silwood Park, Berkshire. Nymphs. EMM118:79-86]
06F: 30 June 1971 [Kew Gardens, London. Female. EMM107:244-245] 30 June 2009 [Temple Balsall, VC38. Hem3:99]
07A: 3 July 1971 [Kew Gardens, London. Females. EMM107:244-245] 3 July 1977 [Silwood Park, Berkshire. Nymphs. EMM118:79-86] 5 July 1971 [Silwood Park, Sunninghill, Berkshire. Females. EMM107:244-245]
07B: 8 July 2019 [Pickering Cemetery, North York Moors, VC62. Hem6:253] 7 July 1971 [Silwood Park, Sunninghill, Berkshire. Males and females. EMM107:244-245] 10 July 2019 [York Cemetery, York, VC62. Hem6:254]
07E: 23 July 2015 [Abdon, VC40. HN23:11]
07F: 27 July 1990 [Cinder Plot - Doddington Woods, VC53. Hem3:91] 29 July 1981 [Markeaton Park, Derby. EMM119:116] 26 July 2004 [Oswestry Old Racecourse, VC40. Adults. HN4:5] 27 July 1971 [Silwood Park, Sunninghill, Berkshire. Females. EMM107:244-245]
08A: 4 August 1981 [Darley Park, Derby. EMM119:116] 2 August 1971 [Kew Gardens, London. Male. EMM107:244-245]
08B: 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 6 August 1974 [Maryon Wilson Park, Charlton, Kent. Females. EMM112:176]

Tuponia brevirostris Reuter (Miridae)
07D: 18 July 2018 [Hythe Marina Village, Hythe, VC11. Females. Hem6:229]
08A: 4 August 2002 [Chelsea Harbour, VC21. Hem6:229]
08C: 11 August 2010 [East Head National Trust property, West Wittering, VC13. Male and females. Hem6:229]
08D: 17 August 2018 [Hythe Marina Village, Hythe, VC11. Females. Hem6:229]
08E: 24 August 2001 [Chelsea Harbour, VC21. Hem6:229]

Tuponia brevirostris/hippophaes AMBIGUOUS (Miridae)
07C: 12 July 2010 [Solent coast, Lepe Country Park, Hampshire. ERJV124:29]
07E: 25 July 2003 [Mogden Lane, Hounslow, VC21. EMM140:272] 21 July 2011 [Old Woodstock, Oxfordshire. ERJV126:12-13]
08A: 4 August 2002 [Chelsea Harbour, Chelsea, Middlesex. EMM139:176-177]
08C: 11 August 2010 [West Wittering, West Sussex. ERJV124:29]
08E: 24 August 2001 [Chelsea Harbour, Chelsea, Middlesex. Adults and nymphs. EMM139:176-177]
08F: 28 August 2011 [Rye Meads, VC20. HN17/18:21]
09A: 1 September 2002 [Fulham, VC21. EMM139:176-177]
10B: 10 October 2012 [Coast between Clacton-on-Sea and Holland-on-Sea, North Essex. HN19/20:10] 6 October 2003 [Potters Bar, Hertfordshire. HN4:7]
10E: 24 October 2012 [Beacon Cliff, North Essex. HN19/20:10]

Tuponia hippophaes (Fieber) (Miridae)
06E: 25 June 2011 [Lepe Country Park, New Forest, VC11. Male. Hem6:228]
07A: 3 July 2014 [Near corner of Goose Green Close, Wolvercote, VC23. Females. Hem6:228]
07B: 7 July 2014 [Aston Rowant, VC23. Females. Hem6:228] 7 July 2014 [Benson, VC23. Male. Hem6:228] 7 July 2014 [Shillingford, VC23. Female. Hem6:228] 8 July 2014 [Woodstock, VC23. Males and females. Hem6:228] 10 July 2015 [Yarnton, VC23. Females. Hem6:228]

07C: 12 July 2010 [Lepe, New Forest, VC11. Males and females. Hem6:228] 15 July 2015 [Long Wittenham, VC22. Females. Hem6:228] 12 July 2015 [University Parks, Oxford, VC23. Males and females. Hem6:228]
07D: 18 July 2018 [Hythe Marina Village, Hythe, VC11. Females. Hem6:228]
07E: 21 July 2011 [Woodstock, VC23. Males and females. Hem6:228]
07F: 31 July 2015 [Entrance to Hinksey Park, Oxford, VC22. Female. Hem6:228]
08A: 2 August 2015 [A41 outside Aylesbury, VC24. Male and females. Hem6:228]
08C: 15 August 2015 [Corner of Dunston Road and Ethelred Court, Headington, Oxford, VC23. Male and females. Hem6:228]
08D: 17 August 2018 [Hythe Marina Village, Hythe, VC11. Females. Hem6:228]
09A: 1 September 2016 [Freshwater Bay, VC10. Female. Hem6:228] 4 September 2016 [Freshwater Bay, VC10. Male and female. Hem6:228]
10F: 31 October 2013 [Near CEFAS labs, Pakefield Road, Lowestoft, VC25. Hem6:228]

Tuponia mixticolor (A. Costa) (Miridae)
06C: 11 June 1985 [East Head Dunes, Sussex. PTBENHS19:55]
06E: 21 June 2002 [Swalecliffe, VC15. EMM139:176-177]
06F: 30 June 2002 [Isle of Sheppey, VC15. EMM139:176-177]
07A: 3 July 2014 [Wolvercote, Oxford. Hem4:24]
07B: 10 July 2002 [Netley, VC11. EMM139:176-177]
07C: 13 July 2004 [Minsmere RSPB Reserve, Suffolk. BJENH18:208] 12 July 2010 [Solent coast, Lepe Country Park, Hampshire. ERJV124:29]
07D: 16 July 1983 [Hayling Island, Hampshire. PTBENHS17:18]
07F: 29 July 2001 [Fareham, VC11. Male. EMM139:176-177]
08B: 9 August 1995 [Dawlish Warren, South Devon. EMM139:176-177]
08C: 12 August 1988 [Abbotsbury, Dorset. EMM139:176-177] 12 August 1996 [Bowling Green Marsh, South Devon. EMM139:176-177] 11 August 2010 [West Wittering, West Sussex. ERJV124:29]
08D: 20 August 1990 [Freshwater Bay, Isle of Wight. EG42:36] 17 August 1979 [Freshwater, Isle of Wight. Males and females. EMM116:83-84]
08E: 24 August 2001 [Chelsea Harbour, Chelsea, Middlesex. EMM139:176-177]
08F: 26 August 2001 [Hook Lake NR, VC11. BJENH15:180] 26 August 2001 [Sandgate, VC15. EMM139:176-177] 28 August 2002 [Shingle Street, VC25. Male, females and nymphs. EMM139:176-177]
09A: 1 September 2002 [Fulham, VC21. EMM139:176-177] 5 September 1979 [Hill Head, Lee-on-Solent, VC11. Male and female. EMM116:83-84]
09F: 29 September 1990 [Christchurch Harbour and Sandbanks, Poole, Dorset. EMM139:176-177] 28 September 2002 [Orford, VC25. Adults. EMM139:176-177] 27 September 2002 [Shingle Street, VC25. Adults. EMM139:176-177]
10B: 10 October 2012 [Coast between Clacton-on-Sea and Holland-on-Sea, North Essex. HN19/20:10]
10E: 24 October 2012 [Dovercourt Bay, North Essex. HN19/20:10]

Tytthus pubescens (Knight) (Miridae)
07E: 23 July 1956 [Hounslow Heath, Middlesex. Male. EMM92:296]
08A: 4 August 1957 [Rickmansworth, Hertfordshire. LondonHets]
09D: 18 September 1909 [Broxbourne, Hertfordshire. Butler1923]

Tytthus pygmaeus (Zetterstedt) (Miridae)
06E: 22 June 1993 [Morton Pool, VC40. Hem5:157] 22 June 1959 [Virginia Water, Surrey. LondonHets]
06F: 27 June 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67] 30 June 1963 [Weybridge, Surrey. LondonHets]
07B: 8 July 1956 [Bookham Common, Surrey. LondonHets] 7 July 1934 [Imperial College Biological Field Station, Slough. TSBE2:47-67]

07C: 14 July 1933 [Imperial College Biological Field Station, Slough. TSBE2:47-67]
07D: 19 July 1952 [Hounslow Heath, Middlesex. LondonHets] 20 July 1953 [Hounslow Heath, Middlesex. LondonHets] 20 July 1960 [Silwood Park, Berkshire. Nymphs. EMM97:65-71]
07E: 23 July 1956 [Hounslow Heath, Middlesex. EMM92:296] 23 July 1979 [River Hull, Hull, VC61. Hem4:146] 21 July 2008 [Saltfleetby-Theddlethorpe NR, VC54. Hem3:91] 22-23 July 1960 [Scratch Wood, Edgware, Middlesex. Adults and nymphs. LondonHets] 23 July 1911 [West End Common, Surrey. LondonHets]
07F: 30 July 1951 [Bookham Common, Surrey. LondonHets] 26 July 1953 [Hounslow Heath, Middlesex. LondonHets]
08A: 2 August 2008 [Beachamwell, VC28. Hem4:44] 5 August 1950 [Bookham, Surrey. PTSLENHS1950-51:13-14] 4 August 1925 [Near Wexford. IrelandHets] 4 August 1957 [Rickmansworth, Hertfordshire. LondonHets]
08B: 6 August 1988 [Bure Marshes NNR, VC27. Hem4:44] 9 August 1908 [Esher Common, Surrey. LondonHets] 9 August 1953 [Hounslow Heath, Middlesex. LondonHets]
08C: 12 August 1997 [Swindale, VC69. Hem4:152]
08E: 24 August 1916 [Batchworth Heath, Hertfordshire. LondonHets] 22 August 1916 [Harefield, Middlesex. LondonHets]
09A: 2 September 1928 [Malahide, Co Dublin. IrelandHets] 1 September 1955 [Near Egham, Surrey. LondonHets]
09B: 7 September 1956 [Berrow, Somerset. Female. EMM93:21]
09C: 13 September 1953 [Bookham Common, Surrey. LondonHets] 15 September 1956 [Dawlish Warren, Devon. Adults. EMM93:21]

Zygimus nigriceps (Fallén) (Miridae)
07B: 10 July 1911 [Nethy Bridge, Inverness-shire. Male and female. EMM94:171-172]
07F: 27 July 2012 [Drake's Bothy, on the edge of the Inshriach Forest, Speyside. HN19/20:9] 31 July 1960 [Glen More, Inverness-shire. Female. EMM96:227]
08B: 7 August 1961 [Near Bridge of Brown, Nethy Bridge, Inverness-shire. Male and females. Ent97:248-249]
08D: 19 August 1962 [Letteraitten, Nethy Bridge, Inverness-shire. Male and females. Ent97:248-249]
09A: 2 September 2010 [Near Dundreggan, North of Loch Ness. HN19/20:9]

Detailed records

Psallus albicinctus (Kirschbaum) (Miridae)
Beating an oak tree in a field corner [New Marston Meadows, Oxford, Oxfordshire. 5 June 2011. BJENH26:246]
From tattered suckers of grey poplar (*Populus canescens*) [Ditton Park, Buckinghamshire. 10 June 1954. Adult. EMM91:65]
Beating an oak tree in a field corner [New Marston Meadows, Oxford, Oxfordshire. 6 June 2012. BJENH26:246]
Sweeping a woodland clearing [Kingwood Common, Stoke Row, Oxfordshire Chilterns. 11 June 2010. BJENH26:246]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 15 June 2015. Hem3:55]
On oak [Gt Braxted, Essex. 19 June 1953. LondonHets]
Sweeping grassland [Old Hinchwick, VC33. 17 June 2000. BJENH19:34-37]
Sweeping a woodland ride [Savernake Forest, VC7. 20 June 2012. BJENH26:246]
On oak [Gravenhurst, Bedfordshire. 27 June 1981. Male. HSGN3:5]
Off a sallow [Chobham. 13 July 1892. Female. EMM28:258]
On sallows [Chobham. July 1892. EMM28:290]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adults. HSGN5:7]

Psallus ambiguus (Fallén) (Miridae)
- On apple trees [East Malling, Kent. 25 March 1961. Nymph. Ent98:14-31]
- Alder (*Alnus*) [Dry Sandford Pit, Dry Sandford, VC22. 20 May 2014. Nymphs reared in culture. Hem2:50]
- Crack willow (*Salix euxina*) [Dry Sandford Pit, Dry Sandford, VC22. 20 May 2014. Nymphs reared in culture. Hem2:50]
- Field maple (*Acer campestre*) [New Marston Meadows, Oxford. 18 May 2014. Nymphs reared in culture. Hem2:50]
- White willow (*Salix alba*) [New Marston Meadows, Oxford. 18 May 2014. Nymphs reared in culture. Hem2:50]
- From Goat Willow (*Salix caprea*) [New Marston Meadows, Oxford, Oxfordshire. 21 May 2015. Nymphs reared in culture. Hem3:128]
- Beating [Pentimore Wood, Northamptonshire. 2 June 2014. Hem2:27]
- On *Malus* [Rugby, Warwickshire. 4 June 1952. EMM93:49-51]
- On *Malus* [Hampstead Heath, Middlesex. 6 June 1953. LondonHets]
- On apple trees [Kingsgate Community Orchard, Holbeton, Devon. 7 June 2008. BJENH22:121-123]
- Beating hawthorn [Chawton, VC12. 11 June 1994. Hem6:230]
- Beating [Farthinghoe, Northamptonshire. 13 June 2014. Hem2:27]
- Beating blackcurrents [Long Ashton Research Station, Bristol. 15 June 1967. Female. Ent101:202-204]
- On apple and alder [Chobham, Surrey. 17 June 1954. LondonHets]
- On heavily fruiting hornbeams (*Carpinus betulus*) [Icknield Way, Lewknor, Oxfordshire. 17 June 1960. EMM96:128]
- Beating mixed scrub [Ruislip LNR, Middlesex. 18 June 1957. Nymphs. LondonHets]
- On alder [Hounslow Heath, Middlesex. 22 June 1954. LondonHets]
- On oak [Bookham Common, Surrey. 29 June 1918. LondonHets]
- On *Crataegus* [Hampstead Heath, Middlesex. 26 June 1958. LondonHets]
- On hazel, apple [Imperial College Biological Field Station, Slough. 26 June 1933. TSBE2:47-67]
- On apple [St John's Wood, Middlesex. 26 June 1950. LondonHets]
- On apple [St John's Wood, Middlesex. 27 June 1950. LondonHets]
- On alder [Chesham, Buckinghamshire. 4 July 1953. LondonHets]
- On hawthorn (*Crataegus*). Parasitised with Braconid [Elstree, Hertfordshire. 5 July 1958. Adult male. EMM95:97-100]
- On apple [St John's Wood, Middlesex. 1 July 1950. LondonHets]
- On apple [St John's Wood, Middlesex. 1 July 1954. LondonHets]
- On willow and on hornbeam [Amersham, Buckinghamshire. 11 July 1953. LondonHets]
- On Salix [Scratch Wood, Edgware, Middlesex. 26 July 1960. LondonHets]
- On alder [Latimer, Buckinghamshire. 25 August 1951. LondonHets]
- On rowan (*Sorbus aucuparia*) at 1000ft [Aviemore, Inverness-shire. July 1968. EMM105:165-166]
- Beating alder [Barnby Broad and Freston, Suffolk. SuffolkHets]
- From urban areas [Bracknell. BJENH18:233-252]
- On apple, hawthorn, sallow and alder [British Isles. S&L1959]
- At MV light [Carshalton, Surrey. LondonHets]
- On beech, elm, elder [Cottenham, Cambridgeshire. EMM68:85-86]
- Nymphs found in blossom trusses of apple trees. After flowers had fallen, nymphs found on leaves, twigs and branches. Nymphs also found on alder. Adults flew in warm, sunny weather. Eggs mainly laid in bark of two-year-old wood in the angle formed by the junction of two shoots, or where a fruit bud arose from a spur. Eggs found in similar situation on alder. Eggs found in apple bark in January to March. In culture, all instars fed on both plant and animal food. Prey accepted included Collembola, Psocoptera, Lepidoptera larvae, mites, Homoptera and nymphs of other Heteroptera, that is *Anthocoris nemorum*, *Orthotylus*, *Heterotoma merioptera*, and its own species. Parasitised larvae found in the orchard [East Malling, Kent. Adults, nymphs and eggs. Ent98:14-31]

On *Ribes* [Eastern Counties. 1926/1927. EMM64:109-113]
On alder [Easton, Cumberland. ERJV51:160-161]
On apple trees [Eltham. June and July. D&S1865]
On apple [Glenageary, Co Dublin. June 1933. IrelandHets]
Beating an apple tree growing amid rough, uncut grass and weeds [Grounds of Pest Infestation Laboratory, Slough. July 1955. Stage uncertain. EMM92:35]
Confined to rowans [Inverpolly, west coast of Scotland. 1964. EMM105:165-166]
On crab apple [Kenmare, South Kerry. IrelandHets]
On birch [Loch Maree, Ross. July 1937. EMM74:89-90]
Beating oaks [Near Battle, East Sussex. July 1936. EMM72:258-259]
From alder bushes [Newton Moss, Dumfriesshire. July 1935. EMM72:96]
Sweeping *Betula pubescens* [North-western Scotland. 1966. Ent101:253-263]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males. PRESL(A)13:19-24]
In a suction trap [Rothamsted Experimental Station, Harpenden. Females. TRESL112:173-220]
On apple [Seapoint, Co Dublin. June 1933. IrelandHets]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Canal [Surrey. 1954-1955. LondonHets]
On hazel [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]

Psallus anaemicus Seidenstücker (Miridae)
Beating a Turkey oak (*Quercus cerris*) [Near Aldershot Military Cemetery, VC12. 18 June 2018. Males and females. Hem6:222]
From Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 20 June 2015. Males. Hem3:70]
Beating Turkey Oak (*Quercus cerris*) [Windsor, VC22. 16 June 2016. Including males. Hem4:81]
Beating Turkey Oak (*Quercus cerris*) [Thorpe Park, Peterborough, VC32. 28 June 2014. BJENH28:95]
Beating a young Turkey oak [Wanstead Flats, VC18. 27 June 2015. HN23:7]
From Turkey Oak (*Quercus cerris*). Three males infected with parasites [West Walk, University Parks, Oxford. 26 June 2015. Males and females. Hem3:70]
On Turkey oak (*Quercus cerris*) [Beside the Green area on Odiham Common, VC12. 4 July 2018. Hem6:222]
Beating Turkey oak (*Quercus cerris*) [Greenwich Park, VC16. 5 July 2016. Adults. Hem6:222]
On Turkey oak (*Quercus cerris*) [Hyde Park, 'The Meadows', VC21. 13 July 2017. Hem6:222]
On Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 12 July 2015. Hem3:70]

Psallus assimilis Stichel (Miridae)
Field maple (*Acer campestre*) [New Marston Meadows, Oxford. 18 May 2014. Nymphs reared in culture. Hem2:50]
Beating field maple [Cams Bay, VC11. 30 May 2011. Males. BJENH25:174]
Beating Field Maple (*Acer campestre*) [Bucknell's Wood, Northamptonshire. 9 June 2014. Hem2:27]
Beating Field Maple (*Acer campestre*) on the perimeter of a filled-in quarry [Croughton, Northamptonshire. 9 June 2014. Hem2:27]
On maple [Englefield Green, Surrey. 10 June 1955. LondonHets]
Beating Field Maple (*Acer campestre*) [Whistley Wood, Northamptonshire. 6 June 2014. Hem2:27]
On field maple (*Acer campestre*) [Beacon Hill, west of Kingsclere, Hampshire. 23 June 1962. Adults and nymphs. EMM98:163]
On hazel [Amersham, Buckinghamshire. 14 July 1951. Male. LondonHets]
On field maple (*Acer*) along rides [Wychwood Forest, Oxfordshire. 23 July 1966. EMM104:22]
From urban areas [Bracknell. BJENH18:233-252]

From a field maple bordering a path [Rea Brook Valley, VC40. June 2014. HN22:11]

Psallus betuleti (Fallén) (Miridae)
Off birch (*Betula x pendula*) on a ride [Brownsea Island, Poole Harbour, Dorset. EG61:243-250]

Psallus betuleti/montanus AMBIGUOUS (Miridae)
On *Betula* in scrub vegetation [Hounslow Heath, Middlesex. 26 May 1953. LondonHets]
On *Alnus glutinosa* [South Harefield, Middlesex. 5 June 1937. Adults and nymphs. Ent71:148-153]
Birch [Hodgemoor Wood, Buckinghamshire. 7 June 1952. EMM90:250]
On birch [Ruislip LNR, Middlesex. 14 June 1964. Male. LondonHets]
On birch [Stoke Common, Buckinghamshire. 13 June 1954. LondonHets]
On *Betula* [Uxbridge, Middlesex. 17 June 1933. Ent71:148-153]
Beating birch [Boxhill, Surrey. 22 June 1897. LondonHets]
On *Betula* [Potter Hanworth, Lincolnshire. 25 June 1932. EMM68:213-214]
Beating/sweeping [Oxshott. 30 June 1951. PTSLENHS1951-52:73-74]
On birch [Virginia Water, Surrey. 28 June 1957. LondonHets]
On birch [West Wickham Wood, Kent. 7 July 1894. Male/female. LondonHets]
Beating birch [Ruislip LNR, Middlesex. 24 July 1956. Both sexes. LondonHets]
On birch [West Wickham Wood, Kent. 21 July 1894. Male/female. LondonHets]
On birch [Assington Thicks, Suffolk. SuffolkHets]
On reeds [Barton Mills, Suffolk. SuffolkHets]
From urban areas [Bracknell. BJENH18:233-252]
On birch [British Isles. S&L1959]
In MV light [Carshalton, Surrey. LondonHets]
On birch trees [Darenth. June. D&S1865]
On *Alnus* [Doethie River, Cardiganshire. June 1958. EMM95:68]
On birch [Dumfriesshire. June 1934. EMM71:164]
On birch [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On *Betula* [Hounslow Heath, Middlesex. 1953. Ent87:15-18]
On birch [Monk Wood, Epping Forest, Essex. LondonHets]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Sweeping *Betula pubescens* [North-western Scotland. 1966. Ent101:253-263]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adult. HSGN5:7]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
From birch [Skipwith Common, Yorkshire. 1981/1982. EcolEnt10:159-169]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Birch of heath-lands [Southern England. TSBE16:1-48]
On alder [Sproughton, Suffolk. June. SuffolkHets]
On birch [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]
On birch [West Heath, Hampstead Heath, London. Early summer. PTSLENHS1949-50:36-38]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Psallus confusus Rieger (Miridae)
On oak [High Halstow, Kent. 13 June 1959. PTSLENHS1959:81-82]
From urban areas [Bracknell. BJENH18:233-252]
On oak, poplar and aspen [British Isles. S&L1959]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adult males. HSGN5:7]
In a light trap [Rothamsted Experimental Station, Harpenden. Female. TRESL112:173-220]
Oak woods [Southern England. TSBE16:1-48]

Psallus confusus/mollis AMBIGUOUS (Miridae)
Beating oak in mixed scrub [Ruislip LNR, Middlesex. 18 June 1957. Adults. LondonHets]
Beating oak in mixed scrub [Ruislip LNR, Middlesex. 19 June 1958. Adults. LondonHets]

On oak [Virginia Water, Surrey. 10 July 1954. LondonHets]
On *Quercus* [Little Gaddesden, Hertfordshire. 19 July 1936. LondonHets]
Beating oak in mixed scrub [Ruislip LNR, Middlesex. 24 July 1956. Adults. LondonHets]
On *Quercus* [Harpenden, Hertfordshire. 29 July 1934. LondonHets]
On ash [Blackheath, Kent. LondonHets]
Off oaks [Chobham. EMM28:258]
On oak [Chobham, Surrey. July. LondonHets]
Woods [Clonbrock, North Galway. June 1896. IrelandHets]
On oak [Monk Wood, Epping Forest, Essex. July. LondonHets]
On oaks [Near Cluny Hill, Forres. EMM13:85-86]
From sycamore and sloe [Neighbourhood of Forres, Morayshire. EMM14:165-167]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males. PRESL(A)13:19-24]
Beating oak [Tuddenham Fen, Suffolk. July 1903. SuffolkHets]
On oak [Wandsworth, Surrey. July 1875. LondonHets]
On oaks [Woking and Chobham. Saunders1892]

Psallus falleni Reuter (Miridae)
On *Fraxinus* [Berkhamsted Common, Hertfordshire. 26 June 1933. LondonHets]
On *Betula* [Berkhamsted Common, Hertfordshire. 20 July 1936. LondonHets]
Birch [Latimer, Buckinghamshire. 20 July 1952. EMM90:250]
On birch [Shirley Common, Surrey. 26 July 1895. LondonHets]
Beating birch (*Betula*) [Fleet Pond NR, Fleet, VC12. 3 August 2010. Hem3:55]
On birch [Ruislip LNR, Middlesex. 2 August 1964. LondonHets]
On silver birch [Hampstead Heath, Middlesex. 15 August 1950. LondonHets]
On birch [Shirley Common, Surrey. 14 August 1897. LondonHets]
On birch [Shirley Common, Surrey. 28 August 1897. LondonHets]
On birch [Shirley Common, Surrey. 1 September 1894. LondonHets]
Beating *Quercus petraea* [Tregaron Bog, Cardiganshire. 1 October 1954. Female. EMM92:54-64]
Beating *Betula* [Bookham Common, Surrey. 9 October 1955. LondonHets]
On birch [Britain. Butler1923]
On birch [British Isles. S&L1959]
On ash trees [Cobham Park. June and July. D&S1865]
On ash trees [Croydon, Surrey. June and July. LondonHets]
Sweeping [Cumberland. 1916. EMM53:112-113]
On a birch tree on a demolition site [Derby. 1982. EMM120:253-258]
On birch [Garden of Buckingham Palace. PTSLENHS1963Part2:75-98]
On birch [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On birch [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
In waterbut, garden [Luton, Bedfordshire. 1945. EMM86:6-8]
From sallows [Newton Moss, Dumfriesshire. July. EMM73:234-235]
Sweeping *Betula pubescens* [North-western Scotland. 1966. Ent101:253-263]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adults. HSGN5:6]
Sweeping [Rothamsted Experimental Station, Harpenden. Female. TRESL112:173-220]
In a light trap [School of Agriculture, Bangor, Gwynedd. EMM123:76]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Birch of heath-lands [Southern England. TSBE16:1-48]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Psallus flavellus Stichel (Miridae)
On sycamore [Amersham, Buckinghamshire. 16 June 1964. LondonHets]
On ash [Birling, Kent. 10 July 1954. LondonHets]
On ash [Virginia Water, Surrey. 10 July 1954. LondonHets]
On ash [Coleshill, Buckinghamshire. 14 July 1951. Females. LondonHets]

Beating hybrid black poplars (*Populus x canadensis*) [Normanton Barracks, Derby. 25 July 1982. Adults. EMM127:38]
Associated with hybrid black poplars (*Populus x canadensis*) [Leyton Flats, East of London, VC18. 24 August 1984. Adults. EMM127:38]
From urban areas [Bracknell. BJENH18:233-252]
On ash [Chobham, Surrey. July. LondonHets]
In leaf galls from an Ash (*Fraxinus excelsior*) hedge in a garden, attacking nymphs of the psyllid *Psyllopsis fraxini* [Lancaster. July. Adults and nymphs. EMM107:11-12]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]

Psallus haematodes (Gmelin) (Miridae)
On *Salix* [Harefield, Middlesex. 12 July 1952. LondonHets]
On *Salix* [Hounslow Heath, Middlesex. 14 July 1953. LondonHets]
On *Salix* [Ruislip LNR, Middlesex. 18 July 1964. Adults. LondonHets]
On sallow [Bookham. 29 July 1950. PTSLENHS1950-51:75-76]
On *Salix* [Holmer Green, Buckinghamshire. 27 July 1952. LondonHets]
Off sallows. Nymphs had Braconid parasites [Scratch Wood, Middlesex. 26 July 1960. Adults and nymphs. EMM97:65-71]
On sallows in a marsh [Flitton, Bedfordshire. 3 August 1960. PTSLENHS1960:111-123]
On *Salix* [Hampstead, Middlesex. 4 August 1943. LondonHets]
On sallow [Wimbledon Common, Surrey. 3 August 1922. LondonHets]
On sallow [Grounds of Pest Infestation Laboratory, Slough. 8 August 1953. LondonHets]
On *Salix* [Scratch Wood, Edgware, Middlesex. 12 August 1956. LondonHets]
In flight [South Penquite Farm, Blisland, Cornwall. 25 August 2005. CornwallHets]
On *Salix* [Harefield, Middlesex. 26 August 1951. LondonHets]
On *Salix purpurea* [Chesham, Buckinghamshire. 5 September 1953. LondonHets]
On *Salix* [Ruislip LNR, Middlesex. 1 September 1955. Adults. LondonHets]
On sallow round a lake [Wisley, Surrey. 4 September 1910. LondonHets]
On *Salix* [Ruislip LNR, Middlesex. 9 September 1958. Adults. LondonHets]
On sallow [Westerham, Kent. 12 September 1951. LondonHets]
On willow [Amersham, Buckinghamshire. 22 September 1956. LondonHets]
On sallow [British Isles. S&L1959]
On dwarf sallows [Deal. August. D&S1865]
On hazel, Salix [Imperial College Biological Field Station, Slough. 1933/1934. TSBE2:47-67]
On sallow [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
On sallows on sandhills [Kidwelly, Carmarthenshire. Butler1923]
On dwarf sallows [Kidwelly, Carmarthenshire. EMM48:187-189]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Sweeping *Salix aurita* and *Salix cinera* [North-western Scotland. 1966. Ent101:253-263]
From birch [Oxshott. Ent24:261-263]
On dwarf willows [Oxshott. Ent24:261-263]
Sandhills, on dwarf-growing *Salix* [Portmarnock, Co Dublin. August 1894. IrelandHets]
In a suction trap [Rothamsted Experimental Station, Harpenden. Female. TRESL112:173-220]
On *Salix* [Scratch Wood, Edgware, Middlesex. July 1960. Adults and nymphs. LondonHets]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
On sallows [Strathglass, Scotland. EMM7:45-53]
By a canal [Surrey. 1954-1955. LondonHets]
On *Salix cinerea* [Tuddenham Fen, Suffolk. August. SuffolkHets]

Psallus helenae Josifov (Miridae)
Beating a Turkey oak (*Quercus cerris*) [Near Aldershot Military Cemetery, VC12. 18 June 2018. Males and females. Hem6:222]
Beating Turkey Oak (*Quercus cerris*) [Thorpe Park, Peterborough, VC32. 16 June 2014. BJENH28:95]

From Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 20 June 2015. Males. Hem3:70]
Beating Turkey oak (*Quercus cerris*) in a cemetery [Kensington Gardens, VC21. 29 June 2017. Hem6:222]
Beating Turkey Oak (*Quercus cerris*) [Thorpe Park, Peterborough, VC32. 28 June 2014. HN22:3]
From Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 26 June 2015. Males and females. Hem3:70]
Beating Turkey oak (*Quercus cerris*) [Greenwich Park, VC16. 5 July 2016. Adults. Hem6:222]
On a Turkey oak (*Quercus cerris*) [Beside Liphook & Ripsley Cricket pavilion, VC12. 8 July 2017. Hem6:222]
On Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 12 July 2015. Hem3:70]
Beating Turkey Oak (*Quercus cerris*) [The Chase, Broad Layings, VC12. 17 July 2015. Hem3:70]

Psallus lepidus Fieber (Miridae)
Off ash. Nymphs had Braconid parasites [Hampstead Heath, Middlesex. 1 June 1960. Nymphs. EMM97:65-71]
Ash (*Fraxinus*) [North Leigh Common, North Leigh, Oxfordshire. 3 June 2014. Nymphs reared in culture. Hem2:50]
Beating ash (*Fraxinus*) [Pentimore Wood, Northamptonshire. 2 June 2014. Hem2:27]
Some parasitised [Whippendell Wood, Hertfordshire. 3 June 1960. Adults and nymphs. LondonHets]
Beating ash (*Fraxinus*) on the perimeter of a filled-in quarry [Croughton, Northamptonshire. 9 June 2014. Hem2:27]
Off ash. Nymph had Braconid parasite [Hampstead Heath, Middlesex. 10 June 1959. Adults and nymph. EMM97:65-71]
Ash (*Fraxinus*), filled-in quarry [Near Croughton, Northamptonshire. 9 June 2014. Nymphs reared in culture. Hem2:50]
Beating ash (*Fraxinus*) [Farthinghoe, Northamptonshire. 13 June 2014. Hem2:27]
On ash [Hampstead Heath, Middlesex. 20 June 1943. LondonHets]
On *Fraxinus* [Hampstead Heath, Middlesex. 26 June 1958. LondonHets]
On *Fraxinus* [Elstree, Hertfordshire. 3 July 1956. LondonHets]
On ash (*Fraxinus excelsior*). Parasitised with Braconid [Elstree, Hertfordshire. 6 July 1958. Adult males. EMM95:97-100]
On ash [Coleshill, Buckinghamshire. 14 July 1951. Female. LondonHets]
Sweeping/beating along a roadside verge [Flinton, VC61. 31 July 1979. Hem4:146]
On ash [Ampthill Park, Bedfordshire. 3 August 1960. PTSLENHS1960:111-123]
From urban areas [Bracknell. BJENH18:233-252]
On ash [Chobham, Surrey. July. LondonHets]
On ash [Coxtown, West Donegal. IrelandHets]
On ash trees [Croydon. June and July. D&S1865]
On ash [Dartford, Kent. LondonHets]
On ash [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
On ash [Portmarnock, Co Dublin. July 1893. IrelandHets]
On ash [Portmarnock, Dublin district. 1893. EMM30:64-65]
On ash [Reigate, Surrey. LondonHets]
On ash [Ruislip LNR, Middlesex. Adults. LondonHets]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
On hazel and *Cnicus* [Suffolk. SuffolkHets]
On ash [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]

Psallus lucanicus Wagner (Miridae)
From Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 26 June 2015. Females. Hem3:70]
Beating Turkey oak (*Quercus cerris*) [Greenwich Park, VC16. 5 July 2016. Adults. Hem6:222]

Psallus luridus Reuter (Miridae)
On larch [Callowhill, near Egham, Surrey. 4 July 1959. LondonHets]
Beating larch [Cobham Frith, near Marlborough, VC7. 15 July 2012. BJENH26:8]
Beating larch (*Larix*) [Shirburn Hill, Oxfordshire Chilterns. 14 July 2016. BJENH31:25-26]
On old, lichen-covered larch [Tollard Royal, Wiltshire. 20 July 1960. EMM96:152]
Beating larch (*Larix*) at the edge of a conifer plantation [Wolds near Kiplingcotes, VC61. 27 July 1971. EMM108:231]
From young larch in a sandpit [Callowhill, near Egham, Surrey. June/July 1954. Adults and nymph reared in culture. EMM90:233]
On larches [Colesbourne, Gloucestershire. July 1922. EMM59:28-29]
From mixed hedges [Neighbourhood of Rickmansworth, Hertfordshire. 1916. EMM59:28-29]
Beating young larch (*Larix decidua*) [Windsor Forest, Berkshire. August 1955. EMM92:47-48]

Psallus mollis (Mulsant & Rey) (Miridae)
Beating oak [Pound Street, VC12. 25 June 2015. Hem3:55]
From *Quercus* [Ham Street Woods, near Ashford, Kent. 11 July 1954. Male. EMM93:258-271]
On oak [Maulden Wood, Bedfordshire. 14 July 1981. Male. HSGN3:4]
From urban areas [Bracknell. BJENH18:233-252]
In a light trap [Cockayne Hatley, VC30. June/July 2009. Males. HN15:12]
On oaks and by sweeping ground flora, especially the flowers of Umbelliferae [Dinnet Oak Wood, Braemar area, Aberdeenshire. July 1970. EMM107:172-173]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adult males. HSGN5:7]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]

Psallus montanus Josifov (Miridae)
Birch (*Betula*) [Dry Sandford Pit, Dry Sandford, VC22. 20 May 2014. Nymphs reared in culture. Hem2:50]
Beating Birch (*Betula*) [Kingwood Common, Stoke Row, VC23. 25 May 2011. Hem1:15]
Beating Birch (*Betula*) [New Marston Meadows, Oxford, VC23. 5 June 2011. Hem1:15]
Beating Birch (*Betula*) [Chobham Common, VC17. 7 June 2008. Hem1:15]
Beating Birch (*Betula*) [Isis Towpath, Oxford, VC22. 9 June 2006. Hem1:15]
Beating Birch (*Betula*) [Isis Towpath, Oxford, VC22. 10 June 2006. Hem1:15]
Beating Birch (*Betula*) [New Marston Meadows, Oxford, VC23. 6 June 2012. Hem1:15]
Beating Birch (*Betula*) [University Parks, Oxford, VC23. 6 June 2010. Hem1:15]
Beating Birch (*Betula*) [Bald Hill, Aston Rowant NNR, VC23. 11 June 2006. Hem1:15]
Beating Birch (*Betula*) [Dry Sandford Pit, Dry Sandford, VC22. 13 June 2012. Hem1:15]
Beating Birch (*Betula*) [Isis Towpath, Oxford, VC22. 14 June 2010. Hem1:15]
Beating Birch (*Betula*) [Kingwood Common, Stoke Row, VC23. 11 June 2010. Hem1:15]
Beating Silver Birch (*Betula pendula*) [Rye Meads, Hoddesdon, VC20. 12 June 2010. Male and females. HN15:10]
On Birch (*Betula pendula*) [Rye Meads, VC20. 12 June 2011. HN17/18:21]
Beating Birch (*Betula*) [Shotover Hill, Oxford, VC23. 15 June 2010. Hem1:15]
Beating Birch (*Betula*) [University Parks, Oxford, VC23. 12 June 2006. Hem1:15]
In a light trap [Cockayne Hatley, VC30. 17 June 2009. Female. HN15:12]
Beating Birch (*Betula*) [Crookham Common, Newbury, VC22. 18 June 2010. Hem1:15]
Beating birch [East Wretham Heath, VC28. 17 June 2019. Hem6:247]
Beating birch [Knettishall Heath Country Park, VC26. 19 June 2019. Hem6:247]
Beating Birch (*Betula*) [Stoke Common, Stoke Poges, VC23. 17 June 2010. Hem1:15]
Beating Birch (*Betula*) [The Holies, Streatley, VC22. 17 June 2006. Hem1:15]
Beating Birch (*Betula*) [The Holies, Streatley, VC22. 16 June 2010. Hem1:15]
Beating Birch (*Betula*) [Low Scrubs, Wendover, VC23. 25 June 2013. Hem1:15]
Beating Birch (*Betula*) [Enstone Quarry, Enstone, VC23. 29 June 2013. Hem1:15]
Beating Birch (*Betula*) [North Leigh Common, North Leigh, VC23. 27 June 2006. Hem1:15]
On alder (*Alnus*) [Sandy Smith Reserve, Chicksands, VC30. 28 June 2008. HN13:10]
Beating Birch (*Betula*) [Burnt Platt Wood, Stoke Row, VC23. 10 July 2013. Hem1:15]

Beating Birch (*Betula*) [Dry Sandford Pit, Dry Sandford, VC22. 15 July 2013. Hem1:15]
Beating Birch (*Betula*) [Hitchcopse Pit, Dry Sandford, VC22. 12 July 2007. Hem1:15]
Beating Birch (*Betula*) [Northchurch Common, Ashridge Estate, VC20. 14 July 2011. Hem1:15]
From Birch (*Betula*) [Barrow Pit, near Worsborough, Barnsley, VC63. 18 July 2009. Male. HN15:10]
Knocked from birch [Camelsdale, VC13. 23 July 2018. Hem6:232]

Psallus pardalis Seidenstücker (Miridae)
Beating a Turkey oak (*Quercus cerris*) [Near Aldershot Military Cemetery, VC12. 18 June 2018. Hem6:222]
Beating Turkey Oak (*Quercus cerris*) [Windsor, VC22. 16 June 2016. Including males. Hem4:81]
Beating Turkey oak (*Quercus cerris*) in a cemetery [Kensington Gardens, VC21. 29 June 2017. Hem6:222]
On Turkey oak (*Quercus cerris*) [Beside the Green area on Odiham Common, VC12. 4 July 2018. Hem6:222]

Psallus perrisi (Mulsant & Rey) (Miridae)
Off oak [Valency Valley, Cornwall. 17 May 1990. CornwallHets]
On *Quercus* scrub vegetation [Hounslow Heath, Middlesex. 26 May 1953. LondonHets]
Off oak. Adults had Braconid parasites [Hampstead Heath, Middlesex. 1 June 1960. Adults and nymphs. EMM97:65-71]
Off oak. Nymphs had Braconid parasites [Whippendell Wood, Hertfordshire. 3 June 1960. Adult and nymphs. EMM97:65-71]
On oak [Staines, Middlesex. 10 June 1955. LondonHets]
On apple [Caterham, Surrey. 13 June 1918. LondonHets]
On oak [High Halstow, Kent. 13 June 1959. PTSLENHS1959:81-82]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 15 June 2015. Hem3:55]
Off oak [Hampstead Heath, Middlesex. 16 June 1960. Adults. EMM97:65-71]
Beating oak [Tomich, Strath Glass, Inverness-shire. 24 June. EMM100:147]
On mature oak [Highgrove, VC34. 27 June 2014. Hem6:234]
In wood [Beechen Wood, Lullingstone Park, Kent. 4 July 1970. LondonHets]
Beating birch bushes [Chippenham Fen, Cambridgeshire. 5 July 1964. EMM100:182]
Sweeping [Folkestone, Kent. 6 July 1958. PTSLENHS1958:73-74]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 17 July 2015. Hem3:55]
From urban areas [Bracknell. BJENH18:233-252]
On oak [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On Oak [Peterborough district. EG20:125-135]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adult males. HSGN5:7]
In a light trap [Rothamsted Experimental Station, Harpenden. Males. TRESL112:173-220]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
In a light trap [School of Agriculture, Bangor, Gwynedd. EMM123:76]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Oak woods [Southern England. TSBE16:1-48]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Psallus pseudoplatani Reichling (Miridae)
Beating sycamore [Sunbury Park, Middlesex. 21 June 2001. Male and female. BJENH16:186]
On sycamore [Rea Brook Valley, VC40. June 2014. HN22:11]
On sycamore [St Ives, Huntingdonshire. 2003. BJENH17:182-183]

Psallus quercus (Kirschbaum) (Miridae)
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]

Psallus salicis (Kirschbaum) (Miridae)
On alder [Chesham, Buckinghamshire. 20 May 1951. LondonHets]
On alder [Between Catford and Ladywell, Kent. 7 August 1897. LondonHets]
On *Alnus* [Hounslow Heath, Middlesex. 8 August 1953. Adult. LondonHets]
On alder [River Whitewater, Winchfield, VC12. 7 August 2017. Hem6:230]
On *Alnus* [Hampstead, Middlesex. 15 August 1943. LondonHets]
Along a river [River Windrush, near Cogges Manor Farm, Witney, Oxfordshire. 11 August 2009. ERJV127:31-32]
Shaking alder [Hartlebury Common LNR, Worcestershire. 20 August 1993. EMM133:17-26]
At light [Little Comberton, Worcestershire. 16 August 1995. EG48:23-33]
To MV light trap [Trawscoed, Cardiganshire. 22-23 August 1955. Males and females. EMM92:54-64]
Beating alder [Cutler's Wood, Freston, Suffolk. 28 August 1904. SuffolkHets]
Along a river [River Cherwell, New Marston Meadows, Oxford. 31 August 2013. ERJV127:31-32]
Alnus [Uxbridge, Middlesex. 27 August 1935. Ent71:148-153]
On alder [Horton, Buckinghamshire. 12 September 1954. LondonHets]
On alders in recreation ground [Lewisham, Kent. 16 September 1910. LondonHets]
On alder [British Isles. S&L1959]
On alders [Carmarthen. EMM48:187-189]
Beating alder [Cumberland. 1916. EMM53:112-113]
On alders (Alnus) [Dublin district. IrelandHets]
On alder [Dumfriesshire. 1935. EMM72:96]
On alder [Esher Common, Surrey. September 1875. LondonHets]
On alder [Garden of Buckingham Palace. PTSLENHS1963Part2:75-98]
On *Alnus* [Hounslow Heath, Middlesex. 1953. Ent87:15-18]
Marshes [Lea Valley, Essex. LondonHets]
Among alders [Lewisham. PSLENHS1897:140]
Beating alders [Lewisham. September. D&S1865]
Beating alders [Oxshott. Ent24:261-263]
Alders and sallows [Reigate, Esher, Chobham, Woking. Saunders1892]
From dunes [Whiteford Burrows, Gower, Wales. Ent100:157-165]

Psallus variabilis (Fallén) (Miridae)
On maple [Radlett, Hertfordshire. 20 June 1960. LondonHets]
Sweeping/beating along a bridleway/dismantled railway line [Near Burgclere, VC12. 25 June 2015. Hem3:55]
On *Crataegus* [Whippendell Wood, Hertfordshire. 23 June 1958. LondonHets]
Beating sallow (*Salix*) around ponds [Wychwood Forest, Oxfordshire. 4 August 1965. EMM104:22]
On *Quercus* [Near Abergwesyn, Brecknockshire. July 1958. EMM95:68]

Psallus variabilis/quercus/assimilis/perrisi/wagneri AMBIGUOUS (Miridae)
On *Salix* [Gogerddan, Cardiganshire. 7 June 1954. EMM92:54-64]
On oak [Hodgemoor Wood, Buckinghamshire. 7 June 1952. Males and females. LondonHets]
On oak. In culture fed on aphids [Imperial College Biological Field Station, Slough. 7 June 1934. TSBE2:47-67]
Beating *Quercus petraea* [Penparcau, Cardiganshire. 8 June 1955. Males, females and nymphs. EMM92:54-64]
On *Rubus idaeus* [Trawscoed, Cardiganshire. 14 June 1951. Males and females. EMM92:54-64]
Beating/sweeping [Oxshott. 30 June 1951. PTSLENHS1951-52:73-74]

Parasitised by a larva occupying the whole of the abdomen [Ipswich. 2 July 1904. Adult. EMM40:184]
Parasitic larva emerged from abdomen the following day [Ipswich. 2 July. Butler1923]
Oaks [Bromley. Saunders1892]
On oaks [Darenth Wood. June. D&S1865]
On oak [Dumfriesshire. EMM73:234-235]
On cultivated raspberries [East of Scotland. EMM88:51-62]
Hawthorn [Glenasmole, Co Dublin. June 1934. IrelandHets]
On oak [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On *Mercurialis perennis* [Hawthornden, Midlothian. Butler1923]
On hawthorn, apple [Houghton, Huntingdonshire. EMM68:85-86]
On *Quercus* [Hounslow Heath, Middlesex. 1953. Ent87:15-18]
On oak [Kenmare, South Kerry. IrelandHets]
Beating oaks [Near Battle, East Sussex. July 1936. EMM72:258-259]
On maple [Neighbourhood of Perth. EMM14:186-187]
On a canal [Surrey. 1954-1955. LondonHets]

Psallus varians (Herrich-Schaeffer) (Miridae)
Oak (*Quercus*) [The Holies, Streatley, Berkshire. 15 May 2014. Nymphs reared in culture. Hem2:50]
Oak (*Quercus*) [New Marston Meadows, Oxford. 18 May 2014. Nymphs reared in culture. Hem2:50]
Oak (*Quercus*) [University Parks, Oxford. 17 May 2014. Nymphs reared in culture. Hem2:50]
From Holm Oak (*Quercus ilex*) [University Parks, Oxford, Oxfordshire. 17 May 2016. Nymphs reared in culture. Hem4:127]
On oak [Hampstead, Middlesex. 23 May 1943. LondonHets]
On *Quercus* in scrub vegetation [Hounslow Heath, Middlesex. 26 May 1953. LondonHets]
Off oak. Adults and nymphs had Braconid parasites [Hampstead Heath, Middlesex. 1 June 1960. Adults and nymphs. EMM97:65-71]
Off oak. Nymphs had Braconid parasites [Whippendell Wood, Hertfordshire. 3 June 1960. Adults and nymphs. EMM97:65-71]
On *Quercus* [Gogerddan, Cardiganshire. 7 June 1954. EMM92:54-64]
Parasitised [Hampstead Heath, Middlesex. 9 June 1957. Nymph. EMM94:35]
On oak [Datchet, Buckinghamshire. 15 June 1954. LondonHets]
On sallow [High Halstow, Kent. 13 June 1959. PTSLENHS1959:81-82]
Beating oak [Shooter's Hill, Blackheath, Kent. 12 June 1913. LondonHets]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 15 June 2015. Hem3:55]
On oak [Radlett, Hertfordshire. 20 June 1960. LondonHets]
On sallow [Harefield, Middlesex. 21 June 1952. LondonHets]
On stinging nettles [Northward Hill NNR, Kent. 25 June 1977. PTBENHS11:67-68]
Beating oak [Pound Street, VC12. 25 June 2015. Hem3:55]
On *Pinus* [Stoke Common, Buckinghamshire. 22 June 1952. LondonHets]
On oak [Stondon Massey, Essex. 22 June 1953. LondonHets]
On *Quercus petraea*. Parasitised with Braconid [Hampstead Heath, Middlesex. 26 June 1958. Males. EMM95:97-100]
On *Quercus robur* [Hampstead Heath, Middlesex. 30 June 1958. LondonHets]
Beating/sweeping [Oxshott. 30 June 1951. PTSLENHS1951-52:73-74]
On oak [Plumstead, Kent. 30 June 1894. LondonHets]
On oak [Brockenhurst. 2 July 1950. PTSLENHS1950-51:71-72]
On oak. Parasitised with Braconid [Elstree, Hertfordshire. 6 July 1958. Male and female. EMM95:97-100]
On hazel [Amersham, Buckinghamshire. 14 July 1951. LondonHets]
On hornbeam [Coleshill, Buckinghamshire. 14 July 1951. LondonHets]
On birch [Latimer, Buckinghamshire. 20 July 1952. LondonHets]

Beating *Quercus petraea* [Penparcau, Cardiganshire. 18 July 1955. Males and females. EMM92:54-64]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 17 July 2015. Hem3:55]
On sallow [Gravesend, Kent. 21 July 1948. LondonHets]
On spruce [Amersham, Buckinghamshire. 2 August 1954. LondonHets]
Beating mixed scrub [Ruislip LNR, Middlesex. 9 September 1955. Adult males. LondonHets]
Beating oaks [Between Leatherhead and Mickleham. July. D&S1865]
From urban areas [Bracknell. BJENH18:233-252]
Off oaks [Chobham. EMM28:258]
On birches [Darenth and elsewhere, in the London district. June. D&S1865]
On oak [Epping Forest, Essex. LondonHets]
Beating an apple tree growing amid rough, uncut grass and weeds [Grounds of Pest Infestation Laboratory, Slough. July 1955. Stage uncertain. EMM92:35]
On oak [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On *Mercurialis perennis* [Hawthornden, Midlothian. Butler1923]
On *Quercus* [Hertfordshire. 1933-1937. LondonHets]
On maple [Houghton, Huntingdonshire. EMM68:85-86]
On *Quercus* [Hounslow Heath, Middlesex. 1953. Ent87:15-18]
On oak, apple. In culture fed on aphids [Imperial College Biological Field Station, Slough. 1933/1934. TSBE2:47-67]
On *Quercus* [Near Abergwesyn, Brecknockshire. July 1958. EMM95:68]
From naturally vegetated derelict land [North-west England. EG43:221-226]
On a hedgerow [Nottinghamshire. August 1926. EMM63:42]
Sweeping [Redstone, near Reigate, Surrey. LondonHets]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adults. HSGN5:6]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males and females. PRESL(A)13:19-24]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
In a light trap [School of Agriculture, Bangor, Gwynedd. EMM123:76]
On *Pinus sylvestris* [Scoltland. Butler1923]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Oak woods [Southern England. TSBE16:1-48]
On poplar, aspen, birch and flowers [Suffolk. June. SuffolkHets]
On oaks [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]

Psallus wagneri Ossiannilsson (Miridae)
Beating scrub oak [Ruislip NNR, Middlesex. 19 June 1958. Adult males. LondonHets]
Beating Turkey Oak (*Quercus cerris*) [Windsor, VC22. 16 June 2016. Male. Hem4:81]
Beating oak [Pound Street, VC12. 25 June 2015. Hem3:55]
On birch [Stondon Massey, Essex. 22 June 1953. LondonHets]
On Aspen [Stoke Common, Buckinghamshire. 7 August 1954. Male. LondonHets]
On hawthorn [Grounds of Pest Infestation Laboratory, Slough. 21 August 1956. LondonHets]
On oak [Dinnet Oak Wood, Braemar area, Aberdeenshire. August 1971. EMM107:255-256]
From oaks fogged with insecticide [Richmond Park, London. 1984. Adult males. HSGN5:7]
Oak woods [Southern England. TSBE16:1-48]

Pseudoloxops coccineus (Meyer-Dür) (Miridae)
On ash [Shirley, Surrey. 11 July 1896. LondonHets]
Ash (*Fraxinus*), layby [Near Radstone, Northamptonshire. 16 July 2014. Nymphs reared in culture. Hem2:50]
Beating ash [Scratch Wood, Edgware, Middlesex. 22 July 1960. Adults and nymphs. LondonHets]

Beating ash [Scratch Wood, Edgware, Middlesex. 26 July 1960. Including adults. LondonHets]
On ash [Ampthill Park, Bedfordshire. 3 August 1960. Female. PTSLENHS1960:111-123]
Most nymphs parasitised with Braconid [Elstree, Hertfordshire. 5 August 1958. Adults and nymphs. EMM95:97-100]
At MV light [Blackheath, Kent. 6 August 1959. LondonHets]
At MV light [Blackheath, Kent. 8 August 1959. LondonHets]
On ash [Bookham Common, Surrey. 6 August 1895. LondonHets]
Beating ash on a dismantled railway line [Near Burstwick, VC61. 6 August 2018. Hem6:214]
On ash [Hampstead Heath, Middlesex. 15 August 1943. LondonHets]
Beating ash [Kentford, Suffolk. 19 August 1904. SuffolkHets]
On ash [Stotfold, Bedfordshire. 17 August 1960. Female. PTSLENHS1960:111-123]
On young ash in garden [Blackheath, Kent. 25 August 1965. LondonHets]
From ash [VC18. 25 August 1984. HSGN4:4]
On young ash in garden [Blackheath, Kent. 30 August 1965. LondonHets]
On ash [Box Hill, Surrey. 29 August 1896. LondonHets]
In MV light trap [Whetstone, Hertfordshire. 29 August 1960. Females. LondonHets]
Beating *Fraxinus excelsior* [Dedham, Suffolk. 1 September 1949. EMM90:81-82]
On ash [Headley Lane, Surrey. 13 September 1903. LondonHets]
Off ash trees with keys [Near Norwich. 18 September 1879. EMM16:114]
At MV light [Feltham, Middlesex. July 1955. LondonHets]
On ash trees [Garden of Buckingham Palace. PTSLENHS1963Part2:75-98]
At light [Garden of Buckingham Palace. September. PTSLENHS1963Part2:75-98]
On ash [Gomshall, Surrey. LondonHets]
On ash (*Fraxinus*) [Grounds of Pest Infestation Laboratory, Slough. August 1953. EMM90:40]
On seed-bearing ash [Reigate. August 1873. Males and females. EMM10:92]
On Ash [Reigate, Hastings and Chobham. Saunders1892]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males. PRESL(A)13:19-24]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
Beating ash. Nymphs had Braconid parasites [Scratch Wood, Middlesex. July 1960. Adults and nymphs. EMM97:65-71]
At MV light in a garden, and on ash [Whetstone, Hertfordshire. 1960. EG16:163-168]

Reuteria marqueti Puton (Miridae)
Beating a Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 7 August 2015. Hem6:274]
In garden moth trap [VC30. 15 August 2006. Female. HN11:15]
Beating a Turkey Oak (*Quercus cerris*) [West Walk, University Parks, Oxford. 21 August 2015. Hem6:274]
In a Rothamsted-type moth trap in a rural garden [Cockayne Hatley, VC30. 2006. HN9:9]
On lime [Peterborough, VC32. Hem6:274]

Rhabdomiris striatellus (Fabricius) (Miridae)
From Oak (*Quercus*) [University Parks, Oxford, Oxfordshire. 3 May 2015. Nymphs reared in culture. Hem3:128]
Sweeping [St Martha's, Chilworth. 12 May 1934. PTSLENHS1934-35:12-15]
Off oak [Valency Valley, Cornwall. 17 May 1990. CornwallHets]
On oak [Thetford Heath NNR, Breckland. 23 May 1971. Nymphs. PTBENHS4:119-120]
Beating trees [Epping Forest, Essex. 29 May 1896. LondonHets]
Beating oak. Nymphs had Braconid parasites [Epsom Common, Surrey. 27 May 1960. Adults and nymphs. EMM97:65-71]
Beating oak. Nymphs had Braconid parasites [Stanmore Common, Middlesex. 30 May 1960. Adults and nymphs. EMM97:65-71]

On oaks [Curt-yr-ala, Glamorgan. 5 June 1927. EMM64:64]
On oak [Darenth Wood, Kent. 5 June 1904. LondonHets]
Beating oak [Hampstead Heath, Middlesex. 1 June 1960. Adult. EMM97:65-71]
On oak [Langley Park, Buckinghamshire. 4 June 1955. LondonHets]
On oak [Oxshott Heath, Surrey. 1 June 1919. LondonHets]
Beating oak. Nymphs had Braconid parasites [Whippendell Wood, Hertfordshire. 3 June 1960. Adults and nymphs. EMM97:65-71]
On oak [Egham, Surrey. 10 June 1955. LondonHets]
Beating hedges [Hampstead, Middlesex. 7 June 1892. LondonHets]
On oak [Hodgemoor Wood, Buckinghamshire. 6 June 1953. LondonHets]
Beating *Quercus petraea* [Penparcau, Cardiganshire. 8 June 1955. Females. EMM92:54-64]
Beating *Quercus petraea* [Penparcau, Cardiganshire. 9 June 1955. Males and females. EMM92:54-64]
Beating aspen [West Wickham Wood, Kent. 10 June 1899. LondonHets]
On oak [West Wickham Wood, Kent. 6 June 1896. LondonHets]
On oak [Deadmansea Wood, Bedfordshire. 13 June 1948. EMM86:6-8]
Beating trees [Gravel Pit Wood, Highgate, Middlesex. 15 June 1893. LondonHets]
In hedges [Highgate, Middlesex. 24 June 1892. LondonHets]
On oaks [Northward Hill NNR, Kent. 25 June 1977. PTBENHS11:67-68]
On *Quercus* [Berkhamsted Common, Hertfordshire. 4 July 1934. LondonHets]
Prey of fly *Neoitamus cyanurus* (Asilidae) [Studland, Dorset. 25 August 1931. Female. JESSE1:69-74]
From urban areas [Bracknell. BJENH18:233-252]
On oak [British Isles. S&L1959]
On oaks [Chipstead, Surrey. June 1951. LondonHets]
Sweeping in a grassy lane [Cumberland. 1916. EMM53:112-113]
Sweeping [Gelt Woods, Cumberland. June 1915. EMM52:66]
On oak [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On oaks [Kenmare, South Kerry. July 1898. Nymphs. IrelandHets]
1700ft [Liffey Head, Wicklow. June 1930. IrelandHets]
On *Quercus* [Near Abergwesyn, Brecknockshire. July 1958. EMM95:68]
On hazel [Neighbourhood of Forres, Morayshire. EMM14:165-167]
On oak [Nutberry, Dumfriesshire. June. EMM73:234-235]
In woodland [Peterborough district. EG20:125-135]
On oaks [Pitlochry, Perthshire. 1879. EMM16:175]
In a deerpark [Powerscourt, Wicklow. Dark form. IrelandHets]
In a suction trap [Rothamsted Experimental Station, Harpenden. Male. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Males. TRESL112:173-220]
In a light trap [School of Agriculture, Bangor, Gwynedd. EMM123:76]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]
In woody areas [South Hampshire and Isle of Wight. HantsHets]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Oak woods [Southern England. TSBE16:1-48]

Salicarus roseri (Herrich-Schaeffer) (Miridae)
Off willow [Aldenham Reservoir, Hertfordshire. 19 and 20 June 1960. Adults and nymphs. EMM97:65-71]
At MV light [Blackheath, Kent. 23 June 1959. LondonHets]
On *Salix caprea* [Hounslow Heath, Middlesex. 22 June 1954. Nymphs reared in culture. LondonHets]
Sweeping long grass under willow trees [Sunbury-on-Thames, Surrey. 22 June 1952. LondonHets]
On a stinging nettle [Boultham Moor, Lincoln. 27 June 2007. HN11:16]
Sweeping crack willow (*Salix fragilis*) by a river [River Don, Salmon Pastures, Sheffield, VC63. 26 June 2010. HN16:13]

From White willow (*Salix alba*), lake [Stanton Harcourt, Oxfordshire. 29 June 2015. Nymphs reared in culture. Hem3:128]
On white willow [Grounds of Pest Infestation Laboratory, Slough. 1 July 1960. LondonHets]
On white willow (*Salix alba*) [Amersham, Buckinghamshire. 6 July 1952. LondonHets]
On tree of *Salix alba* [Dartford, Kent. 7 July 1966. LondonHets]
On sallow [Grove Park, Lee, Kent. 9 July 1902. LondonHets]
Beating blackcurrents [Long Ashton Research Station, Bristol. 10 July 1967. Male. Ent101:202-204]
On willow [Amersham, Buckinghamshire. 12 July 1952. LondonHets]
On sallow [Harefield, Middlesex. 12 July 1952. LondonHets]
At light [Little Comberton, Worcestershire. 14 July 1990. EMM129:60]
On sallow on banks of a river [Lewisham, Kent. 17 July 1897. LondonHets]
Beating willow [Near Silsoe, Bedfordshire. 17 July 1954. Female. EMM91:283]
On sallow [Lewisham, Kent. 28 July 1896. LondonHets]
Sallows [Flitton, Bedfordshire. 3 August 1960. Female. PTSLENHS1960:111-123]
White Willow [Sharpenhoe, Bedfordshire. 4 August 1960. Female. PTSLENHS1960:111-123]
On willow [Grove Park, Lee, Kent. 20 August 1902. LondonHets]
Sweeping [Boxhill, Surrey. 21 August 1952. LondonHets]
Sweeping river banks [Beccles and Ipswich, Suffolk. SuffolkHets]
On *Salix fragilis* [Blackheath, Kent. July. LondonHets]
On *Salix* [Bromley. Saunders1892]
Beating common willow (*Salix alba*) [Bromley, Kent. 1887. EMM24:91-92]
On willows [Grounds of Pest Infestation Laboratory, Slough. July 1960. EMM96:128]
On *Urtica dioica*, *Salix*, hazel. In culture fed on aphids [Imperial College Biological Field Station, Slough. June 1933. TSBE2:47-67]
On sallows [Oxshott. Ent24:261-263]
In a light trap [Rothamsted Experimental Station, Harpenden. Male. TRESL112:173-220]
In Malaise traps in birch woodland [Silwood Park, Sunninghill, Berkshire. 1991. BJENH20:49-55]

Stenodema calcarata (Fallén) (Miridae)
At electric light [Blackheath, Kent. 4 March 1961. Male and females. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 22 March 1961. LondonHets]
From grass hummocks on a heath [Esher Common. 23 March 1931. PSLENHS1931-32:49]
Sweeping grass in garden [Blackheath, Kent. 23 April 1959. LondonHets]
Along a river bank [Boy's Meadow, Salisbury, Wiltshire. 27 April 1948. Males and females, one of the females had three spines on left hind femur. EMM85:160]
Sweeping grass in garden [Blackheath, Kent. 3 May 1969. Green and dark form. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 4 May 1969. LondonHets]
At roots of grass [Imperial College Biological Field Station, Slough. 3 May 1933. TSBE2:47-67]
In a suction trap in a field of young winter wheat [Ardington, Berkshire. 10 May 1954. EMM93:121-126]
In grass on a tip [Caterham, Surrey. 9 May 1970. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 19 May 1969. LondonHets]
Sweeping *Juncus effusus* [Penglais, Aberystwyth, Cardiganshire. 25 May 1955. Females. EMM92:54-64]
On grass in hedgerow [Near Houghton Regis, Bedfordshire. 29 May 1944. EMM81:183-185]
Sweeping grass in garden [Blackheath, Kent. 12 June 1969. LondonHets]
Sweeping/beating [Great Pen Wood, VC12. 25 June 2015. Hem3:55]
In MV light trap [Whetstone, Hertfordshire. 29 June 1960. Male. LondonHets]
In MV light trap [Whetstone, Hertfordshire. 30 June 1960. Male. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 3 July 1969. LondonHets]
In an old *Brassica* seedbed overgrown with weeds [Starcross, South Devon. 5 July 1944. Ent88:89-91]
Along canal path [Byfleet, Surrey. 8 July 1950. LondonHets]
Sweeping on a canal side [Near Byfleet. 12 July 1902. Butler1923]

Sweeping a canal side [Near Byfleet. 14 July 1902. Ent36:102]
In MV light trap [Whetstone, Hertfordshire. 11 July 1960. Male. LondonHets]
Weedy grassland [Bohetherick, St Dominick, Cornwall. 19 July 2006. CornwallHets]
Sweeping dry grassy area [Bookham Common, Surrey. 19 July 1953. LondonHets]
In MV light trap [Whetstone, Hertfordshire. 18 July 1960. Male. LondonHets]
At MV light in a garden [Banstead, Surrey. 22 July 1952. Female. Ent87:18-20]
On grass and *Juncus* area of bogs [Tregaron Bog Nature Reserve, Cardiganshire. 22 July 1955. Adults. EMM92:221-225]
Sweeping grass in garden [Blackheath, Kent. 28 July 1968. LondonHets]
Shaking potato haulms [Long Ashton Research Station. 28 July 1967. Female. EMM109:132-139]
On grass [Ashford, Derby. 4 August 1932. EMM68:213-214]
Marshy locality [Flitton, Bedfordshire. 3 August 1960. PTSLENHS1960:111-123]
In MV light trap [Whetstone, Hertfordshire. 1 August 1960. LondonHets]
In MV light trap [Whetstone, Hertfordshire. 4 August 1960. LondonHets]
At electric light [Blackheath, Kent. 6 August 1959. LondonHets]
Sweeping dry grassy area [Bookham Common, Surrey. 9 August 1953. LondonHets]
Marshy locality [Flitwick Moor, Bedfordshire. 6 August 1960. PTSLENHS1960:111-123]
Sweeping dry grassy area [Bookham Common, Surrey. 12 August 1956. LondonHets]
Suction sampling lakeside plants [Garden of Buckingham Palace. 11 August 1982. PTBENHS17:37-39]
Shaking potato haulms [Long Ashton Research Station. 11 August 1968. Male and females. EMM109:132-139]
To light [Amersham, Buckinghamshire. 18 August 1955. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 16 August 1959. LondonHets]
Sweeping dry grassy area [Bookham Common, Surrey. 16 August 1953. LondonHets]
In damp grassy places [Borth Bog, Cardiganshire. 23 August 1955. EMM92:54-64]
To MV light trap [Trawscoed, Cardiganshire. 22-23 August 1955. Males. EMM92:54-64]
Sweeping [Wimbledon Common, Surrey. 21 August 1896. LondonHets]
Sweeping [Wisley, Surrey. 30 August 1903. LondonHets]
Sweeping grass in garden [Blackheath, Kent. 6 September 1962. Brown form. LondonHets]
Sweeping edge of cultivated area [Epsom Common, Surrey. 6 September 1953. Adult male and female and nymphs. LondonHets]
Roadside grasses [Steppingley, Bedfordshire. 10 September 1960. PTSLENHS1960:111-123]
Sweeping dry grassy area [Bookham Common, Surrey. 13 September 1953. LondonHets]
On herbage in old sand-pit [Fancott, near Toddington, Bedfordshire. 13 September 1944. EMM81:183-185]
In grass on a tip [Caterham, Surrey. 21 September 1968. LondonHets]
On grass [Mitcham Common, Surrey. 26 September 1983. LondonHets]
On grass [Mitcham Common, Surrey. 27 September 1983. LondonHets]
Sweeping dry grassy area [Bookham Common, Surrey. 4 October 1953. LondonHets]
Along hedge bottoms [Near Tregaron, Cardiganshire. 1 October 1954. Males and females. EMM92:54-64]
On grass and *Juncus* area of bogs [Tregaron Bog Nature Reserve, Cardiganshire. 1 October 1954. Adults. EMM92:221-225]
On grass and *Juncus* area [Tregaron Bog, Cardiganshire. 1 October 1954. Males and females. EMM92:54-64]
Sweeping *Erica tetralix* along the margin of a pond [Oxshott, Surrey. 15 October 1966. PTSLENHS1967:26-28]
Sweeping dry grassy area [Bookham Common, Surrey. 8 November 1953. LondonHets]
At roots of grass [Imperial College Biological Field Station, Slough. 6 November 1933. TSBE2:47-67]
Sweeping on sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
At MV lamp [Blackheath, Kent. Both sexes. LondonHets]
From urban areas [Bracknell. BJENH18:233-252]

On grasses in pastures, marshes, woods, etc [British Isles. S&L1959]
Sweeping [Easton, Cumberland. ERJV51:160-161]
Sweeping in grassy places [Epping Forest, Essex. LondonHets]
From a salt marsh [Goleen, Co Cork. Ent67:129-130]
In moss and at the roots of grass and rushes in damper parts [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On reeds and grasses [Hounslow Heath, Middlesex. 1952. Ent86:34-40]
On rushes and bracken [Inskip, Lancashire. EMM68:85-86]
In low-lying marshy and grassy areas [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
Sweeping and searching amongst grass, etc [Lewisham, Darenth, and elsewhere. June and July. D&S1865]
On rank grass [Long Ashton Research Station, Bristol. 1967. Ent101:202-204]
Beating blackcurrents [Long Ashton Research Station, Bristol. August 1967. Ent101:202-204]
Salt marsh [Lough Hyne, West Cork. 1934. IrelandHets]
Sweeping at the roadside [Marloes, Pembrokeshire. EMM88:22]
Sweeping grassland [Mitcham Common, Surrey. EMM123:77-81]
In salt marshes [Murragh, Wicklow. IrelandHets]
From where ferns and bracken were common [Neighbourhood of St Bees, Cumberland. August 1924. EMM61:115-117]
Sweeping a swamp [New Forest. May. EMM31:192-194]
In a marsh [New Forest. Butler1923]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Associated with *Molinietum* in felled and burnt areas [Oxshott Heath, Surrey. LondonHets]
On *Salix* [Raheen, Wicklow. April 1933. IrelandHets]
Sweeping in fields [Reigate, Surrey. LondonHets]
From tidal marsh [River Fal, Cornwall. 1966. PTBENHS4:83-88]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males and females. PRESL(A)13:19-24]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males and female. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
Sweeping [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
Suction sampling [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
In woodland, in litter [South Lake District. 1953/1954. TSBE15:117-134]
At the bases of large tufts of grass in winter. Eggs develop in females in the spring. Overwintering females have ochreous hemelytra, becoming green in the spring. No such marked colour change in the males [Sunninghill, Berkshire and Putney Heath, London. Males and females. EMM85:193-206]
Sweeping mixed herbage by a footpath [Tal-y-llyn, Brecknockshire. May 1950. EMM87:156]
Overwintered females are brown and turn green in the spring. A smaller number of males also overwinter [The Broads, Norfolk. 1937-1941. EMM77:206-207]
Reed swamp [Treborth, Caernarvonshire. August 1954. Males and females. EMM92:54-64]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]
From dunes [Whiteford Burrows, Gower, Wales. Ent100:157-165]
Marshes [Youghal, East Cork. August 1933. IrelandHets]
In salt marshes [Youghal, East Cork. IrelandHets]

Stenodema holsata (Fabricius) (Miridae)
In moss [Armagh, Loughgall. 12 January 1891. IrelandHets]
Sweeping mixed vegetation at the foot of trees bordering a car park, and among mixed grasses along a shaded ride [Cowleze Wood, near Watlington, Oxfordshire Chilterns. 28 May 2011. ERJV124:145-147]

Sweeping [Pentimore Wood, Northamptonshire. 2 June 2014. Hem2:27]
Sweeping [Bucknell's Wood, Northamptonshire. 9 June 2014. Hem2:27]
On grass [Imperial College Biological Field Station, Slough. 23 June 1933. TSBE2:47-67]
On grass [Tregaron Bog Nature Reserve, Cardiganshire. 25 June 1954. Adults. EMM92:221-225]
On grass [Willington, Derby. 8 July 1932. EMM68:213-214]
By stream [Hafod, Cardiganshire. 17 July 1955. EMM92:54-64]
In woods on grasses [Fingest, near Marlow, Buckinghamshire. 25 July 1959. LondonHets]
On grass [Tregaron Bog Nature Reserve, Cardiganshire. 22 July 1955. Adults. EMM92:221-225]
Sweeping ride [Bucknells Wood, Silverstone, VC32. 1 August 2012. Hem2:25]
Sweeping grassy areas [Creinch, Dumbartonshire. 4 August 1967. EMM114:21-24]
Sweeping ride [Salcey Forest, Hartwell, VC32. 1 August 2012. Hem2:25]
Suction sampling [Above Crowcombe, Quantock Hills, VC5. 8 August 2019. Hem6:263]
In grassy areas [Clairinsh, Stirlingshire. 6 August 1967. EMM114:21-24]
On grasses [Loch Lomond NNR mainland area, Dumbartonshire. 8 August 1967. EMM114:21-24]
Along hedge bottoms [Near Tregaron, Cardiganshire. 1 October 1954. Males and females. EMM92:54-64]
On grass [Tregaron Bog Nature Reserve, Cardiganshire. 1 October 1954. Adults. EMM92:221-225]
On grass and *Juncus* area [Tregaron Bog, Cardiganshire. 1 October 1954. Males and females. EMM92:54-64]
On *Juncus* [Tibradden, Co Dublin. 24 October 1927. Rosy brown form. IrelandHets]
Sweeping on sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
Sweeping mixed grasses in shaded portions of car parks [Ashridge Estate, Hertfordshire. 2011. ERJV124:145-147]
Occurs in grassy, open habitats in the north and west, but is confined to woodland rides and glades in the south-east [Britain. EMM96:4]
Confined to woodland rides in the south, but in open habitats and woods in the north and west [Britain. TSBE18:91-167]
In damp grassy places, and amongst bracken growing in shady woods [British Isles. EMM52:65-66]
Sweeping grass [Easton, Cumberland. ERJV51:160-161]
Sweeping an exposed roadside bank [Exmoor. EMM96:4]
Along a wide, unshaded ride [Hawkhill Enclosure, New Forest. ERJV124:145-147]
Sweeping areas of grass [Inchcailloch, Stirlingshire. EMM114:21-24]
On rushes [Inskip, Lancashire. EMM68:85-86]
From a dark, canopied stretch of bridleway, where the dominant grass was Wood Melick (*Melica uniflora*) [Ipsden Wood, near Stoke Row, Oxfordshire Chilterns. 2011. ERJV124:145-147]
In dry upland districts where the brake fern (*Pteris aquilina*) is abundant [Ireland. Late summer and autumn. Light coloured form. IrelandHets]
In grassy areas up to 1500ft [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
On hazel [Lough Dan, Wicklow. September 1909. IrelandHets]
Along grassy paths amid scrub [Low Scrubs, Coombe Hill, Buckinghamshire Chilterns. 2011. ERJV124:145-147]
In the open and on roadside banks [NE Yorkshire. EMM52:65-66]
From where ferns and bracken were common [Neighbourhood of St Bees, Cumberland. August 1924. EMM61:115-117]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Associated with *Molinietum* in felled and burnt areas [Oxshott Heath, Surrey. LondonHets]
In shaded rides [Savernake Forest, Marlborough, Wiltshire. 2011. ERJV124:145-147]
Up to at least 1200ft [Scotland. Butler1923]
At 1200 feet [Scotland. EMM52:65-66]
In woodland, on ground flora, in litter [South Lake District. 1953/1954. TSBE15:117-134]
Sweeping dry sheep pastures [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]

Along woodland rides [Wendover Woods, Buckinghamshire Chilterns. 2011. ERJV124:145-147]

Stenodema laevigata (Linnaeus) (Miridae)
Flying low down amongst grass, etc [Blackheath, Kent. 24 March 1967. Male. LondonHets]
Under moss [Reigate Hill, Surrey. 30 March 1951. LondonHets]
Under herbage [Gravesend, Kent. 13 April 1946. LondonHets]
On grass [Imperial College Biological Field Station, Slough. 3 May 1933. TSBE2:47-67]
On grass [Imperial College Biological Field Station, Slough. 4 May 1933. TSBE2:47-67]
Reed swamp [Treborth, Caernarvonshire. 3 May 1955. Female. EMM92:54-64]
Beating Scotch Fir [Burnham Beeches. 8 May. Butler1923]
On grass [Imperial College Biological Field Station, Slough. 7 May 1933. TSBE2:47-67]
Sweeping at night [Coulsdon, Surrey. 12 May 1961. LondonHets]
On grass [Imperial College Biological Field Station, Slough. 17 May 1933. TSBE2:47-67]
On nettle [Farthing Downs, Coulsdon, Surrey. 24 May 1963. LondonHets]
On grass [Imperial College Biological Field Station, Slough. 24 May 1933. TSBE2:47-67]
From a wide ride [Cowleze Wood, near Watlington, Oxfordshire Chilterns. 28 May 2011. ERJV124:145-147]
In culture fed on grass, and laid egg partially imbedded in a blade of grass. Hatched 14 days later, and fed on the grass. After five ecdyses a male emerged, 31 days after hatching, which was pale ochreous (not the green of the mother). During the fourth instar, the terminal joint of an antenna was damaged and shrivelled up. The shrivelled part was cast off at the next ecdysis, and the insect had a missing joint, with the other joints of normal length [Epping Forest. 28 May 1910. Green gravid female. EMM47:36-40]
In a wood [Hither Green, Kent. 28 May 1900. LondonHets]
Sweeping [Ranmore Common, Surrey. 29 May 1904. LondonHets]
Amongst long grass [Darenth. 4 June 1931. PSLENHS1931-32:63-64]
Sweeping/beating in rides and clearings of a wood [The Chase, Broad Layings, VC12. 15 June 2015. Hem3:55]
Sweeping/beating [Great Pen Wood, VC12. 25 June 2015. Hem3:55]
Beating/sweeping [Oxshott. 30 June 1951. PTSLENHS1951-52:73-74]
Sweeping [Ruislip LNR, Middlesex. 27 June 1955. Nymphs. LondonHets]
In rough grass [Streatham, Surrey. 26 June 1962. LondonHets]
Dismantled railway line [The Warrens, near South Cave, East Yorkshire. 27 June 1979. EMM149:165-180]
Sweeping [Highgate Wood, Middlesex. 3 July 1890. LondonHets]
Sweeping grass [Near Darenth, Kent. 8 July 1950. LondonHets]
Sweeping [Bookham Common, Surrey. 19 July 1953. LondonHets]
Sweeping long grass [Riddlesdown, Surrey. 1 August 1953. Nymph. LondonHets]
Sweeping [Bookham Common, Surrey. 9 August 1956. Males. LondonHets]
Sweeping *Genista tinctoria* growing in long grass [Penarth, Glamorgan. 8 August 1925. EMM62:21]
Suction sampling lakeside plants [Garden of Buckingham Palace. 11 August 1982. PTBENHS17:37-39]
Sweeping [Bookham Common, Surrey. 16 August 1953. Nymph. LondonHets]
Haymeadow [Highgrove House, Gloucestershire. 17 August 1995. GloucsHets]
Sweeping waste ground [Bickley, Kent. 25 August 1901. Melanic form. EMM38:224]
Sweeping mixed herbage in a hazel copse [Near Faringdon, Berkshire. 26 August 1952. EMM92:360]
Vacuum sampling chalk grassland [Fishers Bottom, Dorset. 2 September 2002. HN2:7]
Sweeping [Reigate, Surrey. 3 September 1898. LondonHets]
Sweeping edge of cultivated area [Epsom Common, Surrey. 6 September 1953. Nymph. LondonHets]
From grass [Mitcham Common, Surrey. 7 September 1983. LondonHets]
In grass [Caterham, Surrey. 21 September 1968. LondonHets]
Sweeping round a lake [Wisley Common, Surrey. 26 September 1911. LondonHets]

On grass and *Juncus* area of bogs [Tregaron Bog Nature Reserve, Cardiganshire. 1 October 1954. Adults. EMM92:221-225]
Sweeping mixed grasses in unshaded portions of car parks [Ashridge Estate, Hertfordshire. 2011. ERJV124:145-147]
At roots of herbage, etc [Blackheath, Kent. Winter. Females. LondonHets]
From urban areas [Bracknell. BJENH18:233-252]
On grasses [British Isles. S&L1959]
From demolition sites [Derby. 1982. EMM120:253-258]
Sweeping in grassy places [Epping Forest, Essex. LondonHets]
Marshes, on grass [Filboro', Kent. September 1947. LondonHets]
In the gizzard of a Great Tit [Forest of Dean, Gloucestershire. Adult. EMM92:68-71]
On lake-side vegetation [Garden of Buckingham Palace. PTSLENHS1963Part2:75-98]
From a salt marsh [Goleen, Co Cork. Ent67:129-130]
In damper parts [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
On reeds and grasses [Hounslow Heath, Middlesex. 1952. Ent86:34-40]
From a woodland clearing [Ipsden Wood, near Stoke Row, Oxfordshire Chilterns. 2011. ERJV124:145-147]
Beating raspberries [Kent. Adult. Ent62:101-108]
From sandhills [Lincolnshire. Butler1923]
In salt marsh [Lough Hyne, West Cork. 1934. IrelandHets]
On grass [Luton, Studham and Fancott, Bedfordshire. EMM86:6-8]
Sweeping grassland [Mitcham Common, Surrey. EMM123:77-81]
From naturally vegetated derelict site [North West England. 1987. Ent112:10-16]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Sweeping along roadsides [Nottinghamshire. August 1926. EMM63:42]
Sweeping [Redstone Hill, Reigate, Surrey. LondonHets]
From tidal marsh [River Fal, Cornwall. 1966. PTBENHS4:83-88]
Sweeping the bank of a river [River Soar, Leicestershire. August 1926. EMM63:42]
Suction sampling [Rothamsted Experimental Station, Harpenden. Females. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Male and female. TRESL112:173-220]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males and female. TRESL112:173-220]
Sweeping [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Overwintered females are brown and turn green in the spring. A smaller number of males also overwinter [The Broads, Norfolk. 1937-1941. EMM77:206-207]
In sunny ride [Tintern Forest, Monmouthshire. September 1958. EMM95:68]
Along woodland rides [Wendover Woods, Buckinghamshire Chilterns. 2011. ERJV124:145-147]
From dunes [Whiteford Burrows, Gower, Wales. Ent100:157-165]

Stenodema trispinosa Reuter (Miridae)
Amongst vegetation on estuary shore [River Humber, Kilnsea, VC61. 6 August 2018. Hem6:214]
On *Phragmites communis* growing at the edge of a tidal river [River Stour, Flatford, Suffolk. 8 August 1949. Nymphs. EMM90:81-82]
Sweeping in grass on marshes [Abbey Wood marshes, North Kent. 31 August 1955. Nymph. EMM95:113]
Sweeping [River Stour, Flatford, Suffolk. 5 September 1949. Adult. EMM90:81-82]
Among *Phragmites* [Near Cley, VC27. 6 September 2009. HN15:13]
Among *Phragmites* [Near Cley, VC27. 9 September 2009. HN15:13]
Among *Phragmites* [Wells-next-the-sea, VC28. 7 September 2009. HN15:13]
On *Phragmites communis* growing round a lagoon separated from the sea by a sea-wall [Reculver, Kent. 15 September 1960. Adults and nymphs. EMM96:152]

Sweeping reeds [Seasalter, Kent. 19 September 1965. Adults and nymphs. PTSLENHS1965:91-92]
In a reed bed growing in a marshy situation [Pett Level, Sussex. 21 September 1951. Adults and nymphs. EMM89:16]
In a heap of litter at the edge of a reed-bed behind a sea-wall [Egypt Bay, High Halstow, Kent. 18 November 1961. EMM98:12]
Amongst grasses near a river bank [River Humber between North Ferriby and Brough, VC61. Summer. EMM108:231]
Among sedges of closed reed-swamp. Double brooded, overwintering as an adult, mostly female. In early April, move to *Carex hudsonii*. The brown females become green, but the males remain brown. Later in the spring, the females visit other sedges, specifically *C. acutiformis, C. paniculata, C. goodenowii, C. divisa*, *Eriophorum augustifolium*, and *Luzula campestris*. The males die by mid-May. The summer generation adults (both sexes) also turn from brown to green, and start appearing at the beginning of July. The last of the overwintered females still occur at this time. The new overwintering generation starts to appear at the end of August. Nymphs have been found on sedges [The Broads, Norfolk. 1937-1941. EMM77:206-207]
On *Calamagrostis* in a marshy spot [Tilbury Docks, South Essex. August 1938. EMM79:199]

Stenotus binotatus (Fabricius) (Miridae)
Sweeping undisturbed meadows. Nymph had Braconid parasite [Radlett, Hertfordshire. 20 June 1960. Adults and nymphs. EMM97:65-71]
Sweeping/beating along a bridleway/dismantled railway line [Near Burgclere, VC12. 25 June 2015. Hem3:55]
On *Knautia* [Well Head, Totternhoe, Bedfordshire. 22 June 1947. EMM86:6-8]
In MV light trap [Whetstone, Hertfordshire. 30 June 1960. Male and female. LondonHets]
Sweeping tall grass along a field margin, comprising False Oat-grass (*Arrhenatherum elatius*) and Cock's Foot (*Dactylis glomerata*), a short distance from a small lake [Near Oxford. 4 July 2017. Hem6:264]
On grasses [Egham, Surrey. 10 July 1954. LondonHets]
On *Holcus lanatus* [Finchley, Middlesex. 8 July 1944. LondonHets]
In hayfield [Trawscoed, Cardiganshire. 7 July 1950. Male and female. EMM92:54-64]
In MV light trap [Whetstone, Hertfordshire. 7 July 1960. Male. LondonHets]
In dry grass [Hounslow Heath, Middlesex. 14 July 1953. LondonHets]
Cliffs [Sandy Mouth, Cornwall. 12 July 2006. CornwallHets]
From arable fields [West Pentire, near Newquay, West Cornwall. 11 July 2003. BJENH18:165-170]
Banks of river [Cap of Dunloe, North Kerry. 18 July 1927. Adults just matured. IrelandHets]
Marshes [Abbey Wood, Kent. 24 July 1954. LondonHets]
Sweeping [Elmers End, Kent. 21 July 1900. LondonHets]
Shaking potato haulms [Long Ashton Research Station. 22 July 1968. Female. EMM109:132-139]
On Umbelliferae [Salcey Forest, Northamptonshire. 24 July 1953. Females. EMM93:49-51]
On grass [Tregaron Bog Nature Reserve, Cardiganshire. 22 July 1955. Adults. EMM92:221-225]
Shaking potato haulms [Long Ashton Research Station. 28 July 1967. Male. EMM109:132-139]
On grass in hedgerow [NW of Houghton Regis, Bedfordshire. 27 July 1944. EMM81:183-185]
Sweeping grass [Ruislip LNR, Middlesex. 29 July 1955. Adult. LondonHets]
Sweeping grass [Ruislip LNR, Middlesex. 29 July 1958. Adult. LondonHets]
In MV light trap [Whetstone, Hertfordshire. 1 August 1960. Male and female. LondonHets]
Sweeping a woodland ride [Near Birch Hall, Langdale Forest, North York Moors, VC61. 8 August 2018. Hem6:215]
Sweeping near pond [Outwood Common, Surrey. 20 August 1966. LondonHets]
Sweeping rough herbage on the coast [Martin's Haven, Pembrokeshire. 23 August 1951. EMM88:22]
From grass [Mitcham Common, Surrey. 7 September 1983. LondonHets]
Among long grasses, nettles (*Urtica*) and bedstraws (*Galium*) [Ballard Down, Swanage, Dorset. August 1955. EMM91:282-283]

To MV light in garden [Blackheath, Kent. LondonHets]
At light [Carshalton Beeches, Surrey. LondonHets]
Marshy fields near a river [Co Waterford. September 1929. IrelandHets]
Sweeping [Earlswood, Surrey. LondonHets]
At light [Garden of Buckingham Palace. August. PTSLENHS1963Part2:75-98]
On *Ononis repens* [Gog Magog Hills, Cambridgeshire. All stages. EMM68:85-86]
Amongst long grass by road-sides [Hampshire and Isle of Wight. HantsHets]
Along roadside verge [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
In dry grass [Hounslow Heath, Middlesex. 1953. Ent87:15-18]
On hazel, grass. In culture fed on aphids [Imperial College Biological Field Station, Slough. June 1933/1934. TSBE2:47-67]
On heaths, commons, open pastures, hedgerows and roadside verges [London area. LondonHets]
Beating blackcurrents [Long Ashton Research Station, Bristol. 1967. Ent101:202-204]
Sweeping grassland [Mitcham Common, Surrey. EMM123:77-81]
Sweeping [Norfolk. 1926. Females. EMM63:12-13]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Among weedy growths bordering a field of oats [Rhosneigr, Anglesey. August 1932. EMM68:231-232]
From tidal marsh [River Fal, Cornwall. 1966. PTBENHS4:83-88]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males. PRESL(A)13:19-24]
Suction sampling [Rothamsted Experimental Station, Harpenden. Female. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Males. TRESL112:173-220]
In a suction trap [Rothamsted Experimental Station, Harpenden. Males and female. TRESL112:173-220]
Sweeping [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
On Umbelliferae [Rugby, Warwickshire. EMM93:49-51]
In a light trap [School of Agriculture, Bangor, Gwynedd. EMM123:76]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
At light [Tostock, Suffolk. SuffolkHets]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Sthenarus rotermundi (Scholtz) (Miridae)
On *Popula alba* [Ealing, Middlesex. 2 May 1937. Nymphs. Ent71:148-153]
From tattered suckers of grey poplar (*Populus canescens*) [Ditton Park, Buckinghamshire. 10 June 1954. Nymphs. EMM91:65]
On grey poplar [Grounds of Pest Infestation Laboratory, Slough. 1 July 1956. LondonHets]
On *Populus nigra* and *P. alba* [Scratch Wood, Edgware, Middlesex. 10 July 1948. LondonHets]
Beating ash/cypress/white poplar by a roadside [Beverley, VC61. 12 July 2019. Hem6:255]
Under white poplars [Blackheath, Kent. 13 July 1895. LondonHets]
On *Populus alba* [Hampstead Heath, Middlesex. 18 July 1943. LondonHets]
On white poplar [Scratch Wood, Edgware, Middlesex. 18 July 1960. Adults. LondonHets]
On white poplar [Great Missenden, Buckinghamshire. 21 July 1951. LondonHets]
On Grey Poplar in a marsh [Flitton, Bedfordshire. 3 August 1960. Males and females. PTSLENHS1960:111-123]
Beating *Populus alba* [Bookham Common, Surrey. 10 August 1958. Adult females. LondonHets]
From a line of Grey Poplars [VC18. 25 August 1984. HSGN4:4]
On *Popula alba* [Uxbridge and South Harefield, Middlesex. 31 August 1935. Ent71:148-153]
On *Populus alba* [Berkhamsted, Hertfordshire. July 1936. LondonHets]
On white poplars [Blackheath. July. D&S1865]
On *Populus alba* in a lane [Blackheath, Kent. LondonHets]
From urban areas [Bracknell. BJENH18:233-252]
On white poplar [Brandon, Suffolk. July 1903. SuffolkHets]
Predating on aphid *Chaitophorus populialbae* on *Populus alba* [Cardiff area. BJENH22:235-246]

Beating poplars [Chobham Common. July 1892. EMM28:290]
From tattered suckers of grey poplar (*Populus canescens*) [Ditton Park, Buckinghamshire. September 1953. EMM91:65]
On willows [Grounds of Pest Infestation Laboratory, Slough. July 1960. EMM96:128]
White poplar [Neighbourhood of Leicester. EMM31:97-98]
On White Poplar (*Populus alba*) on a brownfield site [Otterspool, VC59. August 2001. Dead. EMM140:26]
On *Populus alba* [Reigate, Herne Bay and Woking. Saunders1892]
In a light trap [Rothamsted Experimental Station, Harpenden. Males and female. TRESL112:173-220]
On *Populus canescens* [Shooter's Hill, Blackheath, Kent. LondonHets]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Strongylocoris leucocephalus (Linnaeus) (Miridae)
Sweeping very short downland turf [Cissbury Ring, West Sussex. 3 June 1993. BJENH7:174]
On bedstraw (*Galium erectum*) growing on old ant-hillocks on a chalk escarpment [Bald Hill, Oxfordshire. 16 June 1962. Adults and nymphs. EMM98:166]
Vacuum sampling chalk grassland [Sovell Down, Dorset. 19 June 2002. HN2:7]
In short grass on chalk [Dunstable, Bedfordshire. 3 July 1949. EMM86:109]
Vacuum sampling chalk grassland [Stonehill Down, Dorset. 24 July 2002. HN2:7]
Sweeping grassy slopes [Box Hill. Butler1923]
Sweeping grassland [Mitcham Common, Surrey. EMM123:77-81]
Running amongst the crowns of Common Rockrose (*Helianthemum chamaecistus*). Nymphs reared to adult on this plant in two weeks [North Downs at Boxley. June. Adults and nymphs reared in culture. EMM93:72]
In association with *Galium verum* [North Downs at Boxley, near Maidstone, Kent. June/July 1955. EMM91:268]
On *Galium* [Pitlochry, Perthshire. 1879. EMM16:175]
Sweeping [Port Carlisle, Cumberland. 1915. EMM52:66]
Amongst short grass on the tops of the cliffs; also on the flowers of *Vicia cracca* [Scarborough. July. D&S1865]
Sweeping dwarf furze [St Bees Head, Cumberland. August 1924. EMM61:115-117]
Sweeping chalk downland [Washington, Sussex. EMM96:214]

Strongylocoris luridus (Fallén) (Miridae)
On sheep’s-bit (*Jasione*) [Sinah Common, VC11. 8 June 2002. Adults and nymphs. HN3:5]
Under *Jasione montana* [Tregardock and Pentire Head, north coast of Cornwall. 9 June 1956. Adults and nymphs. EMM92:372-374]
On sheep's bit on old walls [St Martin's, Cornwall. 17 June 1987. CornwallHets]
On sheep's-bit [Dryers Pit, Bugle, Cornwall. 13 July 2005. Adults. CornwallHets]
On *Jasione montana* growing amongst shingle [Dungeness, Kent. July. EMM101:160]
Under *Jasione montana* [Isles of Scilly. June 1966. EMM102:285-286]
From amongst a mixture of nettles, docks, and lady ferns [Near Carlisle. Butler1923]
Associated with sheep’s-bit (*Jasione montana*) on cliff tops [Pembrokeshire. HN9:4]
On sheep's bit on old walls [St Mary's, Cornwall. June 1987. CornwallHets]
On sand dunes [Studland, Dorset. EMM101:160]
On the flowers of *Jasione montana* [Weybridge. June/July. EMM4:265-271]

Systellonotus triguttatus (Linnaeus) (Miridae)
Running on bare ground in company with ants in a disused sand-pit [Taplow, Buckinghamshire. 28 May 1953. Adults and nymphs. EMM89:270]
Sweeping by a stream [Both sides of Wish Stream, Wishmoor Bottom, Camberley, VC 17 & VC22 border. 7 June 2011. HN19/20:9]

In the company of *Tetramorium caespitum*, *A. (D.) niger* and *Gonatopus pilosus*, running among debris in shallow rabbits' scratchings in a sandy bank [Icklingham, Suffolk. 6 June 1916. Males, females and nymphs. AntGuests]
Under a branch of broom lying close to bare ground, running with *Formica fusca* [Weybridge. 7 June 1865. Males, females and nymphs. EMM2:30-31]
Under broom bushes, where there were colonies of *Formica fusca*. Some of the bugs were running with the ants [Weybridge. 7 June 1875. Including females. AntGuests]
Underneath *Echium vulgare* on chalk [Porton Ranges, Hampshire. 19 June 1974. Adult and nymph reared in culture, both females. PTBENHS7:92]
Amongst rosettes growing out of old tarmac areas [Eelmoor Marsh, VC12. 25 June 2011. HN19/20:9]
With *Lasius niger* on vegetated shingle [Browndown and Gilkicker Point, South Hampshire. 30 June 2000. EMM137:231-232]
Sweeping on the downs [Otford, Kent. 8 July 1950. LondonHets]
On chalk [Great Culand, Kent. 20 July 1960. Male. PTBENHS7:92]
Associated with *Lasius niger* on a gravel mound [Hounslow Heath, Middlesex. 19 July 1952. Adult male and females and nymphs. Ent86:34-40]
Chalk pit, on ground [Gt. Culand, Eccles, Kent. 23 August 1960. LondonHets]
With *Lasius niger* on an old fire site [Woolmer Forest, North Hampshire. 5 September 1996. Adults and nymphs. EMM133:175-176]
In suction samples from margins of old runways where *Lasius niger* were active [Blackbushe Airfield, VC12. May-June 2001. HN3:5]
Beneath *Erodium cicutarium* [Brandon, Suffolk. August 1906. SuffolkHetsAnn]
At roots [Camber sandhills. EMM21:19-20]
Running amongst a colony of *Lasius niger* on a hillock covered with *Hieracium pilosella* [Chobham Common. July 1892. EMM28:290]
On a heath, running between patches of *Calluna* near a nest of *A. (D.) niger* [Fleet, Hampshire. AntGuests]
Near nest of *Acanthomyops niger* [Fleet, Hampshire. HantsHets]
In a chalk pit, associated with black ant (*Lasius niger*). Both adults and nymphs observed entering the nests [Great Culand Chalk Pit, Eccles, Kent. Adults and nymphs. EMM97:10]
Under *Calluna* [Hounslow Heath, Middlesex. 1952. Females. Ent86:34-40]
On sandhills [Kidwelly, Carmarthenshire. EMM48:187-189]
Running in company with ants [Mousehold Heath, Norfolk. AntGuests]

Teratocoris antennatus (Boheman) (Miridae)
Sweeping [Hounslow Heath, Middlesex. 5 May 1953. Female macropter. Ent87:15-18]
In a very dry place under *Ammophila* on sand-dunes [West Wittering, Sussex. 23 June 1958. Nymphs reared in culture. EMM95:61]
On sedges [Slough, Buckinghamshire. 4 July 1959. LondonHets]
Sweeping rushes by a pond [Esher Common, Surrey. 22 July 1964. LondonHets]
Sweeping rushes by a pond [Esher Common, Surrey. 27 July 1964. LondonHets]
Beating *Juncus* tufts [Hounslow Heath, Middlesex. 26 July 1952. Ent86:34-40]
In a reed-bed [Near Slough, Buckinghamshire. 18 August 1954. Nymphs. EMM91:36]
From *Scirpus* in a dyke by a sea-wall [VC18. 25 August 1984. HSGN4:4]
Amongst sea Clubrush in dykes [Beside Shoreham Airport, VC13. 2 September 2015. Hem6:232]
At roots of rushes [Wolvercote, Ocfordshire. 20 September 1953. Females and male. EMM90:240]
Sweeping Reed Canary Grass (*Phalaris arundinacea*) [Ashleworth Ham NR, VC34. August 2008. Females. HN13:11]
At the roots of *Psamma arenaria* on sand hills [Camber. August. EMM21:113]
On reeds [Easton and Covehithe Broads, Suffolk. September. SuffolkHets]
In marshes and swamps, more especially near the coast, occasionally on dunes [England & Scotland. S&L1959]
Amongst *Scirpus maritimus* in a marsh [Hampton, near Herne Bay, North Kent. August 1897. Males, females and nymphs. EMM33:236]

On rushes [Hunstanton, Weybourne and Ranworth, Norfolk. EMM25:446-447]
Sweeping in partially dried-up marshy ground [Isle of Sheppey. EMM23:139-140]
Amongst *Scirpus maritimus* [Lymington, Hampshire. EMM52:255-257]
Salterns [Lymington, Hampshire. HantsHets]
On rushes [Milton, near Gravesend. PSLENHS1911-12:52]
Among rushes on marshy ground [Onich, Invernesshire. July 1937. EMM74:89-90]
In marshy places [Reigate, Surrey. LondonHets]
Sweeping rushes on the banks of a river [River Dart, Devon. EMM51:220]
Sweeping *Scirpus maritimus* on river banks [River Otter, Budleigh Salterton, South Devon. September 1915. Mostly females. EMM51:312-313]
On sandhills [West Wittering, Sussex. EMM109:223-225]

Teratocoris caricis Kirkaldy (Miridae)
Marsh [Killin, VC88. 23 July 1953. Male and females. Ent100:229-237]
Sweeping mixed marsh vegetation round a pond [Granish, Aviemore, Inverness-shire. June 1967. EMM104:113]
From the margin of a lake [Kielder Water, Northumberland. 1993. HSGN12:2]
In pure stands of *Carex acuta* [Kinrara and Kincraig, Aviemore, Inverness-shire. June 1967. EMM104:113]
At a riverside marsh [Near Kincraig, Aviemore, Inverness-shire. June 1967. Adult males. EMM104:113]

Teratocoris saundersi Douglas & Scott (Miridae)
Sweeping [Otmoor, Oxfordshire. 8 June 1950. Female. EMM90:240]
At MV light [Charlton, London. 25 June 1976. Male macropter. ERJV90:189]
On sedges [Slough, Buckinghamshire. 4 July 1959. LondonHets]
From a saltmarsh [East of Milford-on-Sea, Hampshire. 11 July 1955. EMM92:48]
Sweeping rushes [Loch Lomond NNR mainland area, Dumbartonshire. 8 August 1967. EMM114:21-24]
At the roots of marram-grass on sand-dunes [Llandudno. 15 August 1936. EMM73:90-91]
In saltmarsh [Inch, Co Kerry. 27 August 1962. EMM98:207]
Sweeping wet grassland [Upper Unk wildlife site, VC40. 9 September 2015. HN23:11]
Sweeping on sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
Sweeping in a marsh [Aviemore district, Inverness-shire. September 1966. EMM103:220]
On *Scirpus maritimus* [Budleigh Salterton, near Exmouth, Devon. July 1916. EMM52:255-257]
From a rushy tract strewn with large stones [Deal. July/August 1882. Males and females. EMM19:85-88]
Sweeping among rushes, etc [Deal. June/July. EMM5:259-268]
On rushes [Deal. EMM26:81-82]
Sweeping rushes, etc., in a damp place on sand-hills [Deal. Saunders1892]
Among rushes [Deal. September 1872. EMM9:192-193]
In a marshy area [Granish, Aviemore, Inverness-shire. June 1967. Nymphs. EMM104:113]
In marshy places [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
Running up and down stems of marram (*Ammophila arenaria*) on sand dunes [Keiss, Caithness. 1972. Adults and nymphs. EMM109:223-225]
Salt marsh [Kenmare, South Kerry. July 1898. IrelandHets]
Marshy places on lake shores [Killarney, North Kerry. August 1925. IrelandHets]
Marsh [Kilmacanogue, Wicklow. July 1934. IrelandHets]
In pure stands of *Carex rostrata* [Kinrara and Kincraig, Aviemore, Inverness-shire. June 1967. Nymphs. EMM104:113]
From sandhills [Mumby, Lincolnshire. Butler1923]
On *Juncus* in fells [Near Caldfell Gate, St Bees, Cumberland. August 1924. Macropterous female. EMM61:115-117]
Marshland [Near Milford, Hampshire. HantsHets]

In a brackish swamp [Near Milford-on-Sea, Hampshire. EMM95:61]
Marsh [Near Waterford, Kilkenny. September 1929. IrelandHets]
Amongst long grass and *Juncus compressus* in a salt marsh [Near Whitstable, North Kent. August 1897. Including females. EMM33:236]
Sweeping marshy ground [Rhosneigr, Anglesey. August 1932. Females. EMM68:231-232]
Sweeping rushes on the banks of a river [River Dart, Devon. EMM51:220]
Sweeping *Scirpus maritimus* on river banks [River Otter, Budleigh Salterton, South Devon. September 1915. Females. EMM51:312-313]
From saltmarsh [Severn Estuary, Somerset. EG39:235-246]
Salt marshes, sweeping reeds [Southwold, Suffolk. September 1907. SuffolkHetsAnn]
On *Juncus* in saltmarsh [Spurn Head, Yorkshire. July 1953. EMM90:40]
Among rushes in a saltmarsh [Spurn Head, Yorkshire. EMM95:61]
Reed swamp [Treborth, Caernarvonshire. August 1954. Female. EMM92:54-64]
Amongst *Juncus compressus* [Whitstable. Butler1923]
Marshes [Youghal, East Cork. August 1933. IrelandHets]

Teratocoris viridis Douglas & Scott (Miridae)
Marsh [Tullyarden, East Donegal. 21 June 1899. IrelandHets]
Marsh [North of Dromahair, Leitrim. 19 July 1932. IrelandHets]
Lake shore [Glencar, Sligo. 23 July 1932. IrelandHets]
Sweeping on sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
To 1700 feet [Braemar. Saunders1892]
Sweeping streamside vegetation up to 2500ft [Glen Feshie, Aviemore, Inverness-shire. July 1968. EMM105:165-166]
Sweeping in a marsh [Granish, Aviemore district, Inverness-shire. September 1966. Female. EMM103:220]
Confined to a belt of cottongrass (*Eriophorum*) growing around a pond [Granish, Aviemore, Inverness-shire. June 1967. EMM104:113]
Moss [Knock Barril, Perthshire. EMM18:276]
In *Juncus effusus* beds, and valley bog [Moor House NR, Westmorland. Adult. TSBE19:173-235]
On rushes (*Carex*) in marshy places [Northern and western Ireland. IrelandHets]
Marshy banks of a river [Portumna, South Galway. June 1921. IrelandHets]
On moorlands at 1500 ft [Staffordshire. EMM68:41-42]

Tinicephalus hortulanus (Meyer-Dür) (Miridae)
On *Helianthemum* [Hayling Downs, Kent. 29 June. EMM95:96]
Within a wood on Southern Magnesian Limestone Ridge [Anston Stones Wood SSSI at Little Stones, VC63. 10 July 2010. HN16:13]
On *Helianthemum* [Folkestone Warren, Kent. 6 July 1958. EMM95:96]
Sweeping [Folkestone, Kent. 6 July 1958. PTSLENHS1958:73-74]
On Southern Magnesian Limestone Ridge [Near Maltby at Wood Lee Common SSSI, VC63. 10 July 2010. HN16:13]
On rock-rose (*Helianthemum chamaecistus*) [Park Downs, Banstead, Surrey. 8 July 1955. Adults and nymphs. EMM92:47-48]
Sweeping grass on chalk hillside [Coombe Hill, Buckinghamshire. 11 July 1954. LondonHets]
On common rock-rose (*Helianthemum chamaecistus*) [Cranborne, Dorset. 20 July 1960. EMM96:152]
Amongst *Helianthemum vulgare* [Mickleham Downs. 17 July 1948. PTSLENHS1948-49:73-74]
On *Helianthemum* [Latimer, Buckinghamshire. 18 September 1934. LondonHets]
On *Helianthemum* [Banstead Down, Surrey. EMM95:96]
Sweeping amongst flowers, etc., on a hedge bank [Between Leatherhead and Mickleham. July. D&S1865]
On *Helianthemum* [Cholsey, Berkshire. EMM95:96]
On *Helianthemum* [Cwrt-yr-ala, Glamorgan. August. EMM62:21]

From rockrose (*Helianthemum chamaecistus*) [Halling Downs, Kent. June 1958. ERJV71:265]
On gorse (*Ulex*) [Inskip, Lancashire. EMM68:85-86]
On *Helianthemum* flowers [Mendips. 1905. EMM41:212]
Beating bramble bushes [Newport, South Wales. August. D&S1865]
On *Ononis* [Reigate Hill. Saunders1892]
On *Ononis* [Reigate Hill, Headley Lane, etc. Synopsis1875]
On *Ononis* [Reigate Hill, Surrey. July 1873. LondonHets]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
Chalk grasslands [Southern England. TSBE16:1-48]
On *Helianthemum* [Tring Hills. 1880. EMM26:296]
On *Helianthemum* [Tring Hills, Hertfordshire. July 1897. LondonHets]
On *Helianthemum* [Tring Hills, Herts. Saunders1892]

Trigonotylus caelestialium (Kirkaldy) (Miridae)
Sweeping chalk hills [Chanctonbury Ring, West Sussex. 27 June 1960. ERJV105:37-38]
By sea wall [Hayle Estuary, Cornwall. 26 June 2003. CornwallHets]
Airfield runway [Worminghall, VC24. 17 July 2014. Hem2:58]
Track [Near Sydlings Copse, near Oxford, VC23. 5 August 2011. Hem2:58]
Sweeping cliff edges [Coast from Spurn to Withersea, VC61. 9 August 2018. Hem6:215]
On an estuary bank [Lockham, VC61. 10 August 2018. Hem6:216]
From *Matricaria* next to a dung heap by a roadside [Near Sands Farm, River Humber, VC61. 10 August 2018. Hem6:216]
Sweeping cliff edges [Skipsea/Holmpton, VC61. 7 August 2018. Hem6:215]
Sweeping/searching at the roots of plants [Spurn peninsula, VC61. 9 August 2018. Hem6:215]
Perimeter of lake [Stanton St John, VC23. 8 August 2009. Hem2:58]
From waste ground [Baker Street, Hull, VC61. 11 August 2018. Hem6:216]
Sweeping river shore [River Humber, Ferriby, VC61. 11 August 2018. Hem6:216]
Sweeping tall saltmarsh grassland along an estuary [Whitescourt, Awre, VC34. 11 August 2004. BJENH19:34-37]
Waste ground [Walton Well Road, Oxford, VC23. 29 August 2007. Hem2:58]
Perimeter of lake [Stanton St John, VC23. 4 September 2014. Hem2:58]
Perimeter of lake [Stanton St John, VC23. 6 September 2014. Hem2:58]
Sweeping grass [Blackheath/Charlton, London (Kent). ERJV105:37-38]
At MV light [Blackheath/Charlton, London (Kent). ERJV105:37-38]
From disturbed areas and *Lolium perenne* [England. HSGN12:2]
Sweeping grassy trackside [Goonhilly Downs, Cornwall. 2006. CornwallHets]

Trigonotylus psammaecolor Reuter (Miridae)
On flowers of Sea Spurge (*Euphorbia paralias*) and sweeping the grass *Agropyron junceiforme* on sand dunes [West Wittering, Sussex. 4 July 1958. EMM95:48]
From dune grasses [Beacon Lagoons NR, VC61. 1 August 2000. HN2:8]
Sand dunes, *Ononis-Ammophila* [Ynyslas, Cardiganshire. 15 August 1955. EMM92:54-64]
Sweeping clumps of *Ammophila arenaria* [Great Yarmouth, Norfolk. 23 August 1984. PTBENHS19:55]
Coast [Christchurch, Hampshire. HantsHets]
On inland sand workings [Crawcrook, Co Durham. BJENH17:15-23]
On *Psamma* on sandhills [Kidwelly, Carmarthenshire. EMM48:187-189]
From seaward margin of burrows [Pembrey, Carmarthenshire. August 1991. Female. HSGN11:8]
On Marram grass [Porthcawl, Glamorgan. August 1924. EMM62:21]
On Sand Couch Grass (*Agropyron junceiforme*) on dunes [Sandwich, Kent. PTSLENHS1961:14-15]
Sweeping sandhills [Silloth, Cumberland. EMM51:145-146]

Trigonotylus ruficornis (Geoffroy) (Miridae)
Sweeping [Strensall Common, near York, VC62. 8 July 2019. Hem6:253]

From arable fields [West Pentire, near Newquay, West Cornwall. 11 July 2003. BJENH18:165-170]
Sweeping/beating along a dismantled railway line [Beverley Road, Hull, VC61. 5 August 1980. Hem4:146]
Perimeter of quarry [Enstone, VC23. 7 August 2008. Hem2:56]
Beating/sweeping [Lydeard Hill, Quantock Hills, VC5. 8 August 2019. Hem6:263]
Perimeter of lake [Stanton St John, VC23. 8 August 2009. Hem2:56]
Sweeping river shore [River Humber, Ferriby, VC61. 11 August 2018. Hem6:216]
At light [Little Comberton, Worcestershire. 17 August 1995. EG48:23-33]
Saltmarsh [Lostwithiel, Cornwall. 23 August 2000. CornwallHets]
From unimproved grassland [England. HSGN12:2]

Trigonotylus ruficornis/caelestialium AMBIGUOUS (Miridae)
From open heath [St Martha's, Chilworth. 12 May 1934. PTSLENHS1934-35:12-15]
In garden at light [Blackheath, Kent. 5 June 1960. LondonHets]
Sweeping dry meadows. Nymphs had Braconid parasites [Wimbledon Common, Surrey. 11 June 1959. Nymphs. EMM97:65-71]
In garden sweeping lawn [Blackheath, Kent. 18 June 1959. LondonHets]
In garden at light [Blackheath, Kent. 19 June 1960. LondonHets]
In garden at light [Blackheath, Kent. 20 June 1960. LondonHets]
Sweeping dry meadows. Nymphs had Braconid parasites [Radlett, Hertfordshire. 20 June 1960. Adults and nymphs. EMM97:65-71]
On grasses [Wimbledon Common, Surrey. 20 June 1897. LondonHets]
In garden at light [Blackheath, Kent. 3 July 1959. LondonHets]
Sweeping the grass *Agropyron junceiforme* on sand dunes [West Wittering, Sussex. 4 July 1958. EMM95:48]
In garden at light [Blackheath, Kent. 8 July 1959. LondonHets]
Along roadside margins [Hartlebury Common LNR, Worcestershire. 7 July 1957. EMM133:17-26]
On grasses [Wimbledon Common, Surrey. 7 July 1897. LondonHets]
In garden at light [Blackheath, Kent. 15 July 1959. LondonHets]
Sweeping rough pasture [Crossthwaite Common, Upper Teesdale. 14 July 1980. EMM117:173]
On long grass [Aberystwyth, Cardiganshire. 17 July 1955. Females. EMM92:54-64]
In garden at light [Blackheath, Kent. 17 July 1959. LondonHets]
Sweeping [Kidbrooke, Kent. 23 July 1898. LondonHets]
Thin grass on chalk [Sharpenhoe, Bedfordshire. 4 August 1960. PTSLENHS1960:111-123]
In MV light trap [Whetstone, Hertfordshire. 1 August 1960. Male. LondonHets]
Sweeping in an area of grass and *Potentilla anserina* [Aber Isle, Dumbartonshire. 8 August 1967. EMM114:21-24]
Sweeping [Bookham Common, Surrey. 6 August 1895. LondonHets]
Sweeping [Kidbrooke, Kent. 6 August 1898. LondonHets]
From heathy field [Loch Lomond NNR mainland area, Dumbartonshire. 8 August 1967. EMM114:21-24]
On *Carex flacca* [Ruislip LNR, Middlesex. 9 August 1964. Adults and nymphs. LondonHets]
On *Phalaris arundinacea* [Ruislip LNR, Middlesex. 16 August 1964. Adults and nymphs. LondonHets]
Fine grass on sand in an oak-broom area [Sandy, Bedfordshire. 17 August 1960. PTSLENHS1960:111-123]
In garden sweeping lawn [Blackheath, Kent. 28 August 1963. LondonHets]
Sweeping an area of grasses and thistles [Caerlaverock NNR, Dumfriesshire. 26 August 1970. EMM109:60]
Sweeping [Kidbrooke, Kent. 31 August 1895. LondonHets]
Grass on newly made sandy-clay ground [Steppingley, Bedfordshire. 10 September 1960. PTSLENHS1960:111-123]

Under overhanging orache (*Atriplex*) at edge of sandpit [Plumstead, Kent. 17 September 1957. LondonHets]
Under overhanging orache (*Atriplex*) at edge of sandpit [Plumstead, Kent. 20 September 1957. LondonHets]
In garden sweeping lawn [Blackheath, Kent. 5 November 1963. LondonHets]
Sweeping on sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
On reeds [Alderton, Suffolk. SuffolkHets]
In dry grassy places [British Isles. S&L1959]
Sweeping *Psamma arenaria* [Camber sandhills. EMM21:19-20]
In a suction trap [Cardington, Bedfordshire. Female. TRESL112:173-220]
Amongst grass, etc [Charlton, Kent. LondonHets]
On *Psamma arenaria* on sand hills [GENUINE RUFICORNIS] [Culbin Sands, near Forres. EMM13:87]
Amongst grass, etc [Dartford, Kent. LondonHets]
From demolition sites [Derby. 1982. EMM120:253-258]
In damp locations [Dumfriesshire. Autumn. EMM73:234-235]
Sweeping in grassy places [Epping Forest, Essex. LondonHets]
From a salt marsh [Goleen, Co Cork. Ent67:129-130]
Under *Polygonum*, etc [Hounslow Heath, Middlesex. 1952. Ent86:34-40]
In marsh, on dunes, in woods, and around the shores of a loch [Isle of Rhum NNR. 1960-1963. TSBE18:91-167]
Salt marsh [Lough Hyne, West Cork. 1934. IrelandHets]
Sweeping grassland [Mitcham Common, Surrey. EMM123:77-81]
In a flowery meadow on chalk [Near Stevenage. August 1880. EMM17:234-235]
From naturally vegetated derelict land [North-west England. EG43:221-226]
Associated with *Molinietum* and *Juncetum* in felled and burnt areas [Oxshott Heath, Surrey. LondonHets]
In a light trap [Rothamsted Experimental Station, Harpenden. 1933-1936. Males. PRESL(A)13:19-24]
In a suction trap [Rothamsted Experimental Station, Harpenden. Male. TRESL112:173-220]
In a light trap [Rothamsted Experimental Station, Harpenden. Males and females. TRESL112:173-220]
Among grass in woods and along the edges of fields [Scotland. June. Nymphs. Butler1923]
From saltmarsh [Severn Estuary, Somerset. EG39:235-246]
In woodland [South Lake District. 1953/1954. TSBE15:117-134]
On marram grass [Southwold, Suffolk. SuffolkHets]
Sweeping dry sheep pastures [Valley of the North Tyne, between Wark and Bellingham, Northumberland. July 1918. EMM54:252-253]
At MV light in a garden [Whetstone, Hertfordshire. 1960. EG16:163-168]

Tropidosteptes pacificus (Van Duzee) (Miridae)
Sweeping ash (*Fraxinus excelsior*) [Alexandra Park, north London, VC21. 11 June 2012. Adults. BJENH26:45]
From ash [Alexandra Park, north London, VC21. 20 September 2012. Adults. BJENH26:45]
On mature Ash (*Fraxinus excelsior*) [Alexandra Palace, North London. June and September 2012. HN19/20:9]
In a malaise trap [Wildlife garden of the Natural History Museum, VC21. October 2012. HN21:6]

Tupiocoris rhododendri (Dolling) (Miridae)
Rhododendron [Silwood Park, Berkshire. 23 June 1977. Nymphs. EMM118:79-86]
On *Rhododendron* [Kew Gardens, London. 30 June 1971. Female. EMM107:244-245]
On *Rhododendron* [Kew Gardens, London. 3 July 1971. Females. EMM107:244-245]
Rhododendron [Silwood Park, Berkshire. 3 July 1977. Nymphs. EMM118:79-86]

On *Rhododendron* [Silwood Park, Sunninghill, Berkshire. 5 July 1971. Females. EMM107:244-245]
Beating rhododendron [Pickering Cemetery, North York Moors, VC62. 8 July 2019. Hem6:253]
Rhododendron [Silwood Park, Sunninghill, Berkshire. 7 July 1971. Males and females. EMM107:244-245]
Beating various trees and shrubs in a cemetery [York Cemetery, York, VC62. 10 July 2019. Hem6:254]
In a garden [Abdon, VC40. 23 July 2015. HN23:11]
On *Rhododendron* [Markeaton Park, Derby. 29 July 1981. EMM119:116]
On fruits and withering flowers of *Rhododendron ponticum* in a garden [Oswestry Old Racecourse, VC40. 26 July 2004. Adults. HN4:5]
Rhododendron [Silwood Park, Sunninghill, Berkshire. 27 July 1971. Females. EMM107:244-245]
On *Rhododendron* [Darley Park, Derby. 4 August 1981. EMM119:116]
On *Rhododendron* [Kew Gardens, London. 2 August 1971. Male. EMM107:244-245]
On rhododendron in a park [Maryon Wilson Park, Charlton, Kent. 6 August 1974. Females. EMM112:176]
On *Rhododendron* [Aspley Heath, Befordshire. EMM107:244-245]
On *Rhododendron* [Bedfordshire, Hertfordshire and Hampshire. HSGN3:6]
On the developing seed heads of rhododendrons [Bolton's Bench, VC11. July 2012. Adults/nymphs. Hem6:239]
On *Rhododendron* [Harpenden, Hertfordshire. EMM107:244-245]
On *Rhododendron*. Seen feeding on the aphid *Masonaphis* [Slough, Buckinghamshire. EMM107:244-245]
On the developing seed heads of rhododendrons [Winfrith AEW, VC9. June 2018. Adults/nymphs. Hem6:239]

Tuponia brevirostris Reuter (Miridae)
Beating shrubs, including tamarisk [Hythe Marina Village, Hythe, VC11. 18 July 2018. Females. Hem6:229]
On *Tamarix* [Chelsea Harbour, VC21. 4 August 2002. Hem6:229]
Beating a tamarisk screen between a car park and a beach [East Head National Trust property, West Wittering, VC13. 11 August 2010. Male and females. Hem6:229]
Beating tamarisk [Hythe Marina Village, Hythe, VC11. 17 August 2018. Females. Hem6:229]
On *Tamarix* [Chelsea Harbour, VC21. 24 August 2001. Hem6:229]

Tuponia brevirostris/hippophaes AMBIGUOUS (Miridae)
On Tamarisk growing out of a low cliff [Solent coast, Lepe Country Park, Hampshire. 12 July 2010. ERJV124:29]
Beating Tamarisk growing in a garden [Mogden Lane, Hounslow, VC21. 25 July 2003. EMM140:272]
Beating Tamarisk growing in a garden [Old Woodstock, Oxfordshire. 21 July 2011. ERJV126:12-13]
Beating flowering *Tamarix gallica* at night [Chelsea Harbour, Chelsea, Middlesex. 4 August 2002. EMM139:176-177]
On Tamarisk growing between beach and car park [West Wittering, West Sussex. 11 August 2010. ERJV124:29]
From flowering *Tamarix gallica* [Chelsea Harbour, Chelsea, Middlesex. 24 August 2001. Adults and nymphs. EMM139:176-177]
On Tamarisk (*Tamarix gallica*) [Rye Meads, VC20. 28 August 2011. HN17/18:21]
Beating *Tamarix gallica* in a garden [Fulham, VC21. 1 September 2002. EMM139:176-177]
From Tamarisk on coastal cliffs [Coast between Clacton-on-Sea and Holland-on-Sea, North Essex. 10 October 2012. HN19/20:10]
From Tamarisk in a garden [Potters Bar, Hertfordshire. 6 October 2003. HN4:7]
From Tamarisk on coastal cliffs [Beacon Cliff, North Essex. 24 October 2012. HN19/20:10]
On Tamarisk [Church Norton, VC13. August 2003. HN3:5]

Tuponia hippophaes (Fieber) (Miridae)
Sweeping [Lepe Country Park, New Forest, VC11. 25 June 2011. Male. Hem6:228]
Beating tamarisk [Near corner of Goose Green Close, Wolvercote, VC23. 3 July 2014. Females. Hem6:228]
Beating tamarisk [Aston Rowant, VC23. 7 July 2014. Females. Hem6:228]
Beating tamarisk [Benson, VC23. 7 July 2014. Male. Hem6:228]
Beating tamarisk [Shillingford, VC23. 7 July 2014. Female. Hem6:228]
Beating tamarisk [Woodstock, VC23. 8 July 2014. Males and females. Hem6:228]
Beating tamarisk [Yarnton, VC23. 10 July 2015. Females. Hem6:228]
Tamarisk [Lepe, New Forest, VC11. 12 July 2010. Males and females. Hem6:228]
Beating tamarisk [Long Wittenham, VC22. 15 July 2015. Females. Hem6:228]
Beating tamarisk [University Parks, Oxford, VC23. 12 July 2015. Males and females. Hem6:228]
Beating shrubs, including tamarisk [Hythe Marina Village, Hythe, VC11. 18 July 2018. Females. Hem6:228]
Beating tamarisk [Woodstock, VC23. 21 July 2011. Males and females. Hem6:228]
Beating tamarisk [Entrance to Hinksey Park, Oxford, VC22. 31 July 2015. Female. Hem6:228]
Beating tamarisk [A41 outside Aylesbury, VC24. 2 August 2015. Male and females. Hem6:228]
Beating tamarisk [Corner of Dunston Road and Ethelred Court, Headington, Oxford, VC23. 15 August 2015. Male and females. Hem6:228]
Beating tamarisk [Hythe Marina Village, Hythe, VC11. 17 August 2018. Females. Hem6:228]
Beating tamarisk in a car park [Freshwater Bay, VC10. 1 September 2016. Female. Hem6:228]
Beating tamarisk in a car park [Freshwater Bay, VC10. 4 September 2016. Male and female. Hem6:228]
Beating from *Tamarix* near sea [Near CEFAS labs, Pakefield Road, Lowestoft, VC25. 31 October 2013. Hem6:228]

Tuponia mixticolor (A. Costa) (Miridae)
On Tamarisk [East Head Dunes, Sussex. 11 June 1985. PTBENHS19:55]
Beating tamarisk (*Tamarix*) [Wolvercote, Oxford. 3 July 2014. Hem4:24]
Sweeping tamarisk on dunes [Minsmere RSPB Reserve, Suffolk. 13 July 2004. BJENH18:208]
On Tamarisk growing out of a low cliff [Solent coast, Lepe Country Park, Hampshire. 12 July 2010. ERJV124:29]
On tamarisk [Hayling Island, Hampshire. 16 July 1983. PTBENHS17:18]
In a garden light trap [Fareham, VC11. 29 July 2001. Male. EMM139:176-177]
From Tamarisk [Dawlish Warren, South Devon. 9 August 1995. EMM139:176-177]
From Tamarisk [Bowling Green Marsh, South Devon. 12 August 1996. EMM139:176-177]
On Tamarisk growing between beach and car park [West Wittering, West Sussex. 11 August 2010. ERJV124:29]
Beating tamarisk in a car park [Freshwater Bay, Isle of Wight. 20 August 1990. EG42:36]
Sweeping a hedge of *Tamarix* around a car park opposite a beach [Freshwater, Isle of Wight. 17 August 1979. Males and females. EMM116:83-84]
From flowering *Tamarix gallica* [Chelsea Harbour, Chelsea, Middlesex. 24 August 2001. EMM139:176-177]
Beating Tamarisk [Hook Lake NR, VC11. 26 August 2001. BJENH15:180]
From gardens [Sandgate, VC15. 26 August 2001. EMM139:176-177]
Beating Tamarisk near the sea [Shingle Street, VC25. 28 August 2002. Male, females and nymphs. EMM139:176-177]
Beating *Tamarix gallica* in a garden [Fulham, VC21. 1 September 2002. EMM139:176-177]
From clumps of *Tamarix* at the base of a cliff [Hill Head, Lee-on-Solent, VC11. 5 September 1979. Male and female. EMM116:83-84]
Beating flowers of Tamarisk in a garden [Orford, VC25. 28 September 2002. Adults. EMM139:176-177]
Beating Tamarisk near the sea [Shingle Street, VC25. 27 September 2002. Adults. EMM139:176-177]

From Tamarisk on coastal cliffs [Coast between Clacton-on-Sea and Holland-on-Sea, North Essex. 10 October 2012. HN19/20:10]
From Tamarisk on coastal cliffs [Dovercourt Bay, North Essex. 24 October 2012. HN19/20:10]
On Tamarisk [Church Norton, VC13. August 2003. HN3:5]
On Tamarisk on the coast [Mudeford and Stansore Point, VC11. HSGN3:4]

Tytthus pubescens (Knight) (Miridae)
From *Juncus* tufts in a swamp [Hounslow Heath, Middlesex. 23 July 1956. Male. EMM92:296]
In a marshy situation amongst a clump of rushes adjacent to a river bank [New Hythe, River Medway, Kent. September. Brachypterous form. EMM88:92]
Pressing sedge, etc, below the surface of a foot of water at the edge of a pond [Staffordshire. Autumn 1931. EMM68:41-42]
From rush-dominated areas on wetlands [Wales. HN9:5]

Tytthus pygmaeus (Zetterstedt) (Miridae)
On grass [Imperial College Biological Field Station, Slough. 27 June 1933. TSBE2:47-67]
On grass [Imperial College Biological Field Station, Slough. 7 July 1934. TSBE2:47-67]
On grass [Imperial College Biological Field Station, Slough. 14 July 1933. TSBE2:47-67]
In swampy area [Hounslow Heath, Middlesex. 20 July 1953. LondonHets]
From *Juncus* tufts in a swamp [Hounslow Heath, Middlesex. 23 July 1956. EMM92:296]
Sweeping/beating along the banks of a river [River Hull, Hull, VC61. 23 July 1979. Hem4:146]
At roots of reeds [West End Common, Surrey. 23 July 1911. LondonHets]
At the bases of rushes growing in a damp meadow [Bookham, Surrey. 5 August 1950. PTSLENHS1950-51:13-14]
In a marshy place by a river estuary [Near Wexford. 4 August 1925. IrelandHets]
Head of estuary [Malahide, Co Dublin. 2 September 1928. IrelandHets]
On sand hills on *Ammophila arenaria* [Berrow, Somerset. 7 September 1956. Female. EMM93:21]
On dunes on *Ammophila arenaria* [Dawlish Warren, Devon. 15 September 1956. Adults. EMM93:21]
Sweeping rushes [Chobham. 1876. EMM13:113-114]
At the roots of rushes [Chobham. August/September. EMM19:140]
At roots of rushes, etc. in marshes [Chobham and Wimbledon. Saunders1892]
At the roots of thick clumps of grass on sand hills [Freshwater Bay, Pembrokeshire. 1866. Adults and nymphs. EMM3:92]
In *Juncus* plots. Eggs laid in *Juncus* stems. Overwinters as an egg, some eggs falling into the basal litter layer. In culture, adults feed on eggs of *Conomelus anceps* (Delphacidae). In the absence of eggs, will feed on first and second instar *Conomelus* nymphs. *Tytthus* nymphs cannot be reared to adult on *Juncus* stems alone [Imperial College Field Station, Silwood Park, Berkshire. EMM99:157-161]
Sandhills [Llandudno. August/September 1924. EMM61:62-63]
From a marshy strip between two arable fields [Near Egham, Surrey. 1954. EMM91:54]
Under rushes in a large damp field, where there were very thick and long-established growths of rushes [Near Fritton Decoy, Suffolk. Butler1923]
In a damp field [Near Slough, Buckinghamshire. 1954. EMM91:36]
Suction sampling [Rothamsted Experimental Station, Harpenden. Male. TRESL112:173-220]
In grass [Ruislip LNR, Middlesex. July 1964. Adults. LondonHets]
Reed swamp [Treborth, Caernarvonshire. August 1954. Male. EMM92:54-64]
At the roots of rushes [Wimbledon Common. 1876. EMM13:113-114]
In a marsh at the base of *Deschampsia caespitosa* [Wolvercote, Oxford. EMM93:21]

Zygimus nigriceps (Fallén) (Miridae)
On well-grown junipers close to ancient pines [Drake's Bothy, on the edge of the Inshriach Forest, Speyside. 27 July 2012. HN19/20:9]
Beating Scots pine in a natural Scots pine forest [Glen More, Inverness-shire. 31 July 1960. Female. EMM96:227]

Beating shrubby junipers (*Juniperus communis*) in *Nardus* pasture at 1300ft [Near Bridge of Brown, Nethy Bridge, Inverness-shire. 7 August 1961. Male and females. Ent97:248-249]
On stunted junipers [Letteraitten, Nethy Bridge, Inverness-shire. 19 August 1962. Male and females. Ent97:248-249]
From juniper [Aviemore district, Inverness-shire. June 1965. Adult and nymphs. EMM101:143-144]
On juniper [Crathie Wood, Braemar area, Aberdeenshire. July 1970. EMM107:172-173]
On Juniper [Nethy Bridge, Inverness-shire. July 1963. Adults and nymphs reared in culture. PTSLENHS1964:9]
On well-grown junipers close to ancient pines [Upper Glen Feshie and Rothiemurchus Forest, Speyside. July 2012. HN19/20:9]

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Psallus albicinctus (Kirschbaum) (Miridae)
as *P. albicinctus* EMM81:253-273
as *Psall. albicinctus* EMM91:7-27
as *Psallus albicinctus* BJENH18:63-64, BJENH19:34-37, BJENH26:246, Butler1923, EMM28:258, EMM28:290, EMM28:310, EMM91:65, EMM93:258-271, EMM95:72, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:36, Hem2:46, Hem3:108, Hem3:53, Hem3:55, Hem3:9, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:44, Hem4:76, Hem5:110, Hem5:137, Hem5:152, Hem5:64, Hem5:74, Hem5:9, Hem6:158, HN11:13, HN21:8, HN9:2, HSGN1:5, HSGN3:5, HSGN4:A8, HSGN4:D4, HSGN4:D5, HSGN4:D7, HSGN5:7, HSGN6:6, HSGN8:10, LondonHets, PSLENHS1898:16-23, PTSLENHS1956:111-136, PTSLENHS1962:123-183, S&L1959, Saunders1892, TSBE11:245-280

Psallus ambiguus (Fallén) (Miridae)
as *Apocremnus obscurus* D&S1865
as *P. ambiguus* EMM81:253-273, EMM82:94-95
as *Psall. ambiguus* EMM91:7-27
as *Psallas ambiguus* Ent101:202-204
as *Psallus ambiguus* BJENH18:233-252, BJENH20:49-55, BJENH22:121-123, BJENH28:5-15, Butler1923, CornwallHets, EMM105:165-166, EMM14:165-167, EMM26:297, EMM29:35-37, EMM51:145-146, EMM54:252-253, EMM64:109-113, EMM68:85-86, EMM69:234-245, EMM72:258-259, EMM72:96, EMM74:89-90, EMM92:35, EMM92:54-64, EMM93:258-271, EMM93:49-51, EMM94:93, EMM95:97-100, EMM96:128, EMM97:65-71, Ent101:253-263, Ent27:222, Ent47:146-147, Ent98:14-31, ERJV51:160-161, GloucsHets, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:27, Hem2:36, Hem2:43, Hem2:50, Hem3:128, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem3:9, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:44, Hem4:76, Hem4:91, Hem5:110, Hem5:115, Hem5:125, Hem5:137, Hem5:141, Hem5:168, Hem5:190, Hem5:198, Hem5:20, Hem5:208, Hem5:31, Hem5:46, Hem5:64, Hem5:74, Hem5:9, Hem5:97, Hem6:159, Hem6:230, Hem6:278, HN17/18:26, HN17/18:7, HN6:2, HSGN1:13, HSGN1:15, HSGN10:12, HSGN11:14, HSGN11:7, HSGN12:12, HSGN13:12, HSGN3:4, HSGN4:D1, HSGN4:D2, HSGN4:D6, HSGN4:D7, HSGN6:6, IrelandHets, JSBE5:179-186, LondonHets, PRESL(A)13:19-24, PTBENHS12:12, PTSLENHS1951-52:xvi, PTSLENHS1961:46, PTSLENHS1961:62-73, PTSLENHS1962:123-183, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE2:47-67

Psallus anaemicus Seidenstücker (Miridae)
as *Psallus anaemicus* BJENH28:95, BJENH29:154, BJENH29:27, BJENH30:101, BJENH32:363-364, Hem3:101, Hem3:70, Hem3:71, Hem3:72, Hem4:128, Hem4:138, Hem4:81, Hem5:131, Hem5:133, Hem5:137, Hem5:152, Hem6:159, Hem6:222, HN22:3, HN23:7

Psallus assimilis Stichel (Miridae)
as *Apocremnus simillimus* D&S1865
as *Psall. variabilis var. simillimus* EMM91:7-27
as *Psallus assimilis* BJENH18:233-252, BJENH25:174, EMM104:22, EMM110:122, EMM93:258-271, EMM95:72, EMM98:163, Hem1:11, Hem1:56, Hem1:57, Hem2:23, Hem2:27, Hem2:46, Hem2:50, Hem2:6, Hem3:101, Hem3:46, Hem3:9, Hem4:10, Hem4:108, Hem4:138, Hem4:145, Hem4:33, Hem4:44, Hem4:46, Hem4:76, Hem5:110, Hem5:137, Hem5:152, Hem5:198, Hem5:208, Hem5:64, Hem5:9, Hem6:159, Hem6:278, HN22:11, HSGN1:12, HSGN4:A6, HSGN4:D3, HSGN4:D4, HSGN4:D6, HSGN5:2, HSGN6:6, HSGN6:8, JSBE6:55-56, LondonHets, PTSLENHS1962:123-183, S&L1959
as *Psallus assimilois* HN17/18:7
as *Psallus simillimus* EMM69:234-245, Synopsis1875
as *Psallus variabilis var. simillimus* Butler1923, EMM93:258-271, HantsHets

Psallus betuleti (Fallén) (Miridae)
as *Psallus betuleti* BJENH28:5-15, CornwallHets, EG61:243-250, Hem1:100, Hem1:11, Hem1:15, Hem1:56, Hem1:57, Hem2:6, Hem3:108, Hem3:130, Hem3:32, Hem3:33, Hem3:9, Hem4:1, Hem4:10, Hem4:108, Hem4:115, Hem4:120, Hem4:76, Hem5:110, Hem5:115, Hem5:152, Hem5:157, Hem5:198, Hem5:9, Hem6:160, Hem6:230, Hem6:247, Hem6:261, Hem6:273, HN17/18:26, HN9:14
as *Psallus betuli* HN17/18:21

Psallus betuleti/montanus AMBIGUOUS (Miridae)
as *Apocremnus ambiguus* D&S1865
as *P. betuleti* EMM81:253-273
as *Psall. betuleti* EMM91:7-27
as *Psallus betulae* EMM69:234-245
as *Psallus betuleti* BJENH18:233-252, BJENH20:49-55, Butler1923, EcolEnt10:159-169, EG16:163-168, EG43:221-226, EMM133:17-26, EMM14:165-167, EMM29:35-37, EMM51:145-146, EMM54:252-253, EMM64:62-64, EMM65:40-42, EMM68:209-213, EMM68:213-214, EMM71:164, EMM90:250, EMM93:258-271, EMM95:68, Ent101:253-263, Ent27:222, Ent47:146-147, Ent59:84-85, Ent71:148-153, Ent87:15-18, GloucsHets, HantsHets, HSGN1:12, HSGN1:15, HSGN1:8, HSGN10:12, HSGN11:14, HSGN11:7, HSGN3:4, HSGN4:D1, HSGN4:D2, HSGN4:D6, HSGN5:7, IrelandHets, LondonHets, PTSLENHS1946-47:73-74, PTSLENHS1949-50:36-38, PTSLENHS1951-52:73-74, PTSLENHS1962:123-183, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE16:1-48

Psallus confusus Rieger (Miridae)
as *Psallus confusus* BJENH18:233-252, BJENH25:205-215, Hem1:11, Hem1:56, Hem1:57, Hem2:23, Hem2:41, Hem2:43, Hem2:44, Hem2:46, Hem2:6, Hem3:108, Hem3:32, Hem3:33, Hem3:46, Hem3:52, Hem3:80, Hem3:9, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:44, Hem4:46, Hem4:76, Hem5:110, Hem5:117, Hem5:137, Hem5:143, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:9, Hem6:160, HN17/18:26
as *Psallus diminutus* BJENH25:205-215, EMM93:258-271, GloucsHets, HSGN1:12, HSGN10:11, HSGN11:6, HSGN12:13, HSGN3:4, HSGN4:D4, HSGN4:D5, HSGN4:D6, HSGN4:D7, HSGN5:7, HSGN6:6, PTSLENHS1959:81-82, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220, TSBE15:117-134, TSBE16:1-48

Psallus confusus/mollis AMBIGUOUS (Miridae)
as *P. diminutus* EMM81:253-273, EMM82:94-95
as *Psall. diminutus* EMM91:7-27
as *Psallus diminutus* Butler1923, EMM13:85-86, EMM14:165-167, EMM14:186-187, EMM15:66-67, EMM28:258, EMM29:92-93, EMM39:121-123, EMM48:187-189,

EMM89:17, EMM90:250, Ent10:9-15, HantsHets, Hem1:100, IrelandHets, LondonHets, PRESL(A)13:19-24, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280

Psallus falleni Reuter (Miridae)
as *P. falleni* EMM81:253-273
as *Psall. falleni* EMM91:7-27
as *Psallus falleni* BJENH20:49-55, BJENH28:5-15, CornwallHets, EG16:163-168, EMM120:253-258, EMM123:76, EMM133:17-26, EMM64:218, EMM69:234-245, EMM83:95, EMM86:6-8, EMM90:250, EMM92:221-225, EMM92:54-64, EMM93:258-271, Ent101:253-263, ERJV127:31-32, GloucsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:36, Hem3:32, Hem3:33, Hem3:46, Hem3:55, Hem3:80, Hem3:9, Hem4:10, Hem4:108, Hem4:138, Hem4:23, Hem4:33, Hem4:76, Hem4:91, Hem5:110, Hem5:117, Hem5:125, Hem5:141, Hem5:157, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:31, Hem5:46, Hem5:64, Hem5:9, Hem6:160, Hem6:278, HN11:14, HN17/18:26, HSGN1:12, HSGN1:15, HSGN10:11, HSGN11:14, HSGN11:6, HSGN12:11, HSGN12:13, HSGN3:4, HSGN4:D1, HSGN4:D2, HSGN4:D6, HSGN5:6, HSGN6:6, HSGN6:8, LondonHets, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1963Part2:75-98, S&L1959, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE16:1-48, TSBE18:91-167
as *Psallus Falleni* EMM29:35-37, EMM30:64-65
as *Psallus fallenii* Butler1923, EMM53:112-113, EMM73:234-235, Ent47:146-147, HantsHets, IrelandHets, PSLENHS1898:16-23
as *Psallus Fallenii* EMM29:92-93, Saunders1892, SuffolkHetsAnn
as *Psallus roseus* Synopsis1875
as *Psallus salicis* D&S1865

Psallus flavellus Stichel (Miridae)
as *P. luridus var. minor* EMM81:253-273
as *Psall. lepidus var. minor* EMM91:7-27
as *Psallus flavellus* BJENH18:233-252, CornwallHets, EMM107:11-12, EMM127:38, EMM93:258-271, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem2:36, Hem2:41, Hem3:108, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem3:9, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:145, Hem4:33, Hem4:44, Hem4:46, Hem4:76, Hem4:91, Hem5:110, Hem5:117, Hem5:125, Hem5:137, Hem5:141, Hem5:143, Hem5:152, Hem5:157, Hem5:168, Hem5:198, Hem5:208, Hem5:32, Hem5:64, Hem5:74, Hem5:9, Hem5:97, Hem6:161, Hem6:283, HN11:14, HN17/18:26, HN19/20:6, HSGN1:12, HSGN10:12, HSGN11:7, HSGN12:13, HSGN4:D2, HSGN4:D6, HSGN6:6, JSBE6:55-56, LondonHets, PTSLENHS1962:123-183, S&L1959, TSBE15:117-134
as *Psallus Kirschbaumi* EMM14:165-167, Synopsis1875
as *Psallus lepidus var. minor* Butler1923, EMM48:187-189, EMM93:258-271, Hem1:100, Saunders1892
as *Psallus lepidus var. roseus* HantsHets
as *Psallus roseus* D&S1865

Psallus haematodes (Gmelin) (Miridae)
as *P. roseus* EMM81:253-273, EMM82:94-95
as *Psall. roseus* EMM91:7-27
as *Psallus alni* EMM11:232-235, EMM11:255-256, EMM15:66-67, EMM8:60-63
as *Psallus dilutus* D&S1865, EMM11:232-235, EMM11:255-256
as *Psallus haematodes* BJENH20:49-55, BJENH25:205-215, BJENH28:5-15, CornwallHets, GloucsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:23, Hem2:36, Hem2:44, Hem3:108, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem3:9, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:76, Hem4:91, Hem5:110, Hem5:125, Hem5:141, Hem5:152, Hem5:157, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:9, Hem5:97, Hem6:161, Hem6:278, HN17/18:26, HN22:12,

HSGN1:12, HSGN1:15, HSGN10:11, HSGN11:10, HSGN11:6, HSGN12:12, HSGN3:4, HSGN4:A10, HSGN4:D3, HSGN4:D7, LondonHets
as *Psallus querceti* EMM7:45-53, EMM8:60-63
as *Psallus Querceti* D&S1865
as *Psallus roseus* BJENH25:205-215, Butler1923, EG20:125-135, EG43:221-226, EMM14:165-167, EMM48:187-189, EMM51:145-146, EMM58:231, EMM64:62-64, EMM65:17, EMM65:40-42, EMM71:164, EMM88:231-251, EMM89:17, EMM92:54-64, EMM93:258-271, EMM97:65-71, Ent101:253-263, Ent24:261-263, Ent47:146-147, HantsHets, IrelandHets, LondonHets, PTSLENHS1950-51:75-76, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE18:91-167, TSBE2:47-67
as *Psallus sanguineus* D&S1865, EMM14:165-167, EMM15:66-67, EMM29:35-37, EMM43:196-202, EMM69:234-245, Ent24:261-263, PSLENHS1898:16-23, Saunders1892, SuffolkHets
as *Psallus sanguineus var. dilutus* Synopsis1875
as *Psallus sanguineus var. querceti* Synopsis1875
as *Psallus sanguineus var. roseus* EMM69:234-245
as *Psallus sanguineus var. sanguineus* Synopsis1875

Psallus helenae Josifov (Miridae)
as *Psallus helenae* BJENH28:95, BJENH29:154, BJENH30:101, BJENH32:363-364, Hem3:101, Hem3:53, Hem3:55, Hem3:70, Hem3:71, Hem4:138, Hem4:81, Hem5:131, Hem5:133, Hem5:137, Hem5:152, Hem6:161, Hem6:222, HN22:3, HN22:4

Psallus lepidus Fieber (Miridae)
as *P. lepidus* EMM81:253-273
as *Psall. lepidus* EMM91:7-27
as *Psallus lepidus* BJENH18:233-252, Butler1923, CornwallHets, D&S1865, EMM14:165-167, EMM14:186-187, EMM16:175, EMM29:92-93, EMM30:64-65, EMM48:187-189, EMM54:252-253, EMM69:234-245, EMM93:258-271, EMM93:49-51, EMM95:97-100, EMM97:65-71, Ent59:84-85, GloucsHets, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:27, Hem2:36, Hem2:41, Hem2:43, Hem2:50, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem3:9, Hem3:99, Hem4:10, Hem4:108, Hem4:138, Hem4:146, Hem4:149, Hem4:33, Hem4:44, Hem4:76, Hem4:91, Hem5:110, Hem5:125, Hem5:127, Hem5:141, Hem5:157, Hem5:168, Hem5:198, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:9, Hem5:97, Hem6:162, Hem6:278, HN17/18:26, HN19/20:6, HSGN1:12, HSGN1:15, HSGN10:12, HSGN11:7, HSGN12:13, HSGN4:D2, HSGN4:D6, IrelandHets, LondonHets, PSLENHS1898:16-23, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280, TSBE15:117-134, TSBE18:91-167
as *Psallus lepidus var. minor* SuffolkHets

Psallus lucanicus Wagner (Miridae)
as *Psallus lucanicus* BJENH29:154, BJENH30:101, BJENH32:363-364, Hem3:70, Hem3:72, Hem4:138, Hem4:81, Hem5:132, Hem5:133, Hem5:152, Hem6:162, Hem6:222, HN23:4

Psallus luridus Reuter (Miridae)
as *P. luridus* EMM81:253-273
as *Pityopsallus luridus* EG20:125-135, EMM108:231, GloucsHets, HSGN6:6, LondonHets
as *Psall. luridus* EMM91:7-27
as *Psallus luridus* BJENH26:8, BJENH27:220, BJENH31:25-26, Butler1923, EMM59:28-29, EMM90:233, EMM92:47-48, EMM93:258-271, EMM96:152, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:36, Hem3:108, Hem3:9, Hem3:99, Hem4:10, Hem4:91, Hem5:110, Hem5:137, Hem5:146, Hem5:168, Hem5:198, Hem5:32, Hem5:64, Hem5:74, Hem5:9, Hem6:162, HSGN10:12, HSGN11:7, HSGN3:5, HSGN4:D2, HSGN4:D6, PTSLENHS1956:111-136, S&L1959

Psallus mollis (Mulsant & Rey) (Miridae)
as *Psallus masseei* BJENH25:205-215, EMM107:172-173, EMM93:258-271, EMM95:72, HN16:3, JSBE6:55-56, PTSLENHS1962:123-183, S&L1959, TSBE15:117-134
as *Psallus massei* TSBE15:117-134
as *Psallus mollis* BJENH18:233-252, BJENH25:205-215, CornwallHets, Hem1:11, Hem1:56, Hem1:57, Hem2:43, Hem2:46, Hem2:6, Hem3:108, Hem3:32, Hem3:33, Hem3:55, Hem3:9, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:44, Hem4:76, Hem4:91, Hem5:110, Hem5:117, Hem5:157, Hem5:168, Hem5:198, Hem5:20, Hem5:22, Hem5:9, Hem6:163, HN11:13, HN15:12, HN17/18:26, HN6:2, HN7:15, HSGN1:18, HSGN1:5, HSGN12:13, HSGN3:4, HSGN4:A10, HSGN4:A8, HSGN4:D4, HSGN4:D5, HSGN4:D7, HSGN5:7, HSGN6:6

Psallus montanus Josifov (Miridae)
as *Psallus betuleti montanus* BJENH25:205-215
as *Psallus montanus* BJENH25:205-215, Hem1:11, Hem1:15, Hem1:56, Hem1:57, Hem2:50, Hem2:6, Hem3:108, Hem3:9, Hem4:1, Hem4:115, Hem4:120, Hem4:122, Hem4:76, Hem4:91, Hem5:110, Hem5:115, Hem5:152, Hem5:9, Hem6:163, Hem6:217, Hem6:219, Hem6:230, Hem6:232, Hem6:247, Hem6:249, HN13:10, HN15:10, HN15:12, HN17/18:21, HN21:8, HN9:14

Psallus pardalis Seidenstücker (Miridae)
as *Psallus pardalis* BJENH30:101, BJENH32:363-364, Hem4:81, Hem4:82, Hem4:83, Hem4:84, Hem5:132, Hem5:133, Hem6:163, Hem6:222

Psallus perrisi (Mulsant & Rey) (Miridae)
as *Hylopsallus perrisi* PTSLENHS1958:73-74, PTSLENHS1959:81-82
as *Psallus perissi* PTBENHS15:31-32
as *Psallus perrisi* BJENH18:159-162, BJENH18:233-252, BJENH20:49-55, BJENH28:5-15, CornwallHets, EG16:163-168, EG20:125-135, EG60:37-71, EMM100:147, EMM100:182, EMM104:22, EMM107:255-256, EMM110:122, EMM123:76, EMM133:17-26, EMM93:258-271, EMM95:72, EMM97:65-71, GloucsHets, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem2:36, Hem2:41, Hem2:43, Hem2:44, Hem2:6, Hem3:108, Hem3:32, Hem3:33, Hem3:46, Hem3:55, Hem3:80, Hem3:9, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:145, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:137, Hem5:152, Hem5:157, Hem5:168, Hem5:198, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem6:164, Hem6:234, Hem6:278, HN17/18:26, HN17/18:7, HSGN1:12, HSGN10:12, HSGN11:7, HSGN3:4, HSGN4:A6, HSGN4:D3, HSGN4:D6, HSGN4:D7, HSGN5:7, HSGN6:6, JSBE6:55-56, LondonHets, PTBENHS12:70, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1965:59-60, S&L1959, TRESL112:173-220, TSBE15:117-134, TSBE16:1-48

Psallus pseudoplatani Reichling (Miridae)
as *Psallus pseudoplatani* BJENH16:186, BJENH17:182-183, BJENH25:205-215, Hem1:11, Hem1:56, Hem1:57, Hem3:101, Hem3:9, Hem4:10, Hem4:112, Hem4:115, Hem4:120, Hem4:77, Hem5:10, Hem5:110, Hem5:152, Hem6:164, HN22:11, HSGN5:2
as *Psallus pseudoplatanus* HSGN6:8

Psallus quercus (Kirschbaum) (Miridae)
as *Psallus quercus* BJENH20:49-55, CornwallHets, EG20:125-135, EMM93:258-271, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:24, Hem2:46, Hem2:6, Hem3:10, Hem3:32, Hem3:33, Hem4:10, Hem4:138, Hem4:77, Hem5:10, Hem5:110, Hem5:198, Hem5:208, Hem6:164, Hem6:278, HN17/18:26, HN6:2, HN9:7, HSGN4:A6, HSGN4:A8, HSGN4:D3, HSGN4:D4, HSGN4:D7, HSGN5:7, PTSLENHS1962:123-183, PTSLENHS1965:59-60, S&L1959, TSBE15:117-134

Psallus salicis (Kirschbaum) (Miridae)
- as *P. alnicola* EMM81:253-273, EMM82:94-95
- as *Psall. alnicola* EMM91:7-27
- as *Psallus alni* EMM93:258-271, Ent100:157-165
- as *Psallus Alni* D&S1865
- as *Psallus alnicola* BJENH25:205-215, Butler1923, EG48:23-33, EMM133:17-26, EMM14:165-167, EMM48:187-189, EMM53:112-113, EMM58:231, EMM64:62-64, EMM65:40-42, EMM69:234-245, EMM72:96, EMM8:60-63, EMM92:54-64, EMM93:258-271, Ent24:261-263, Ent71:148-153, Ent87:15-18, ERJV127:31-32, HantsHets, HSGN11:14, IrelandHets, LondonHets, PSLENHS1897:140, PSLENHS1898:16-23, PTSLENHS1956:111-136, PTSLENHS1962:123-183, PTSLENHS1963Part2:75-98, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280
- as *Psallus salicis* BJENH25:205-215, ERJV127:31-32, GloucsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:24, Hem2:36, Hem3:10, Hem3:101, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem4:10, Hem4:138, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:117, Hem5:125, Hem5:137, Hem5:157, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:165, Hem6:230, Hem6:236, Hem6:278, HN17/18:26
- as *Psallus scholtzi* ERJV127:31-32, HSGN11:14, HSGN3:4, HSGN4:A10, HSGN4:D2, HSGN4:D6, HSGN6:8
- as *Psallus scholtzii* LondonHets

Psallus variabilis (Fallén) (Miridae)
- as *Psallus variabilis* CornwallHets, EMM104:22, EMM93:258-271, EMM95:68, EMM95:72, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:24, Hem2:41, Hem2:6, Hem3:10, Hem3:32, Hem3:33, Hem3:46, Hem3:52, Hem3:55, Hem3:80, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:77, Hem5:10, Hem5:110, Hem5:137, Hem5:143, Hem5:157, Hem5:168, Hem5:198, Hem5:208, Hem5:64, Hem6:165, Hem6:278, HN17/18:26, HN6:2, HN9:7, HSGN1:15, HSGN10:12, HSGN11:6, HSGN12:11, HSGN3:4, HSGN4:A6, HSGN4:A8, HSGN4:D3, HSGN4:D4, HSGN4:D6, HSGN4:D7, HSGN5:2, HSGN6:8, LondonHets, PTSLENHS1960:111-123, PTSLENHS1961:62-73, PTSLENHS1962:123-183, PTSLENHS1965:59-60, S&L1959
- as *Psallus variabilis var. simillimus* Hem1:100
- as *Psallus variabilis var. whitei* Hem1:100

Psallus variabilis/quercus/assimilis/perrisi/wagneri AMBIGUOUS (Miridae)
- as *Apocremnus Quercus* D&S1865
- as *Apocremnus variabilis* D&S1865
- as *P. quercus* EMM81:253-273
- as *P. variabilis* EMM81:253-273, EMM82:94-95
- as *P. variabilis var. simillimus* EMM81:253-273, EMM82:94-95
- as *P. variabilis var. whitei* EMM81:253-273
- as *Psall. quercus* EMM91:7-27
- as *Psall. variabilis* EMM91:7-27
- as *Psall. variabilis var. whitei* EMM91:7-27
- as *Psallus quercus* Butler1923, EMM17:67-68, EMM69:234-245, EMM90:250, Ent47:146-147, GloucsHets, HantsHets, IrelandHets, LondonHets, Saunders1892, Synopsis1875, TSBE11:245-280
- as *Psallus variabilis* Butler1923, EMM133:17-26, EMM14:165-167, EMM14:186-187, EMM28:310, EMM29:35-37, EMM39:121-123, EMM40:184, EMM48:187-189, EMM51:145-146, EMM54:252-253, EMM68:85-86, EMM69:234-245, EMM72:258-259, EMM73:234-235, EMM88:51-62, EMM92:54-64, EMM93:49-51, Ent47:146-147, Ent87:15-18, GloucsHets, HantsHets, IrelandHets, JSBE5:179-186, LondonHets, PSLENHS1898:16-23, PSLENHS1900:11-14, PTSLENHS1939-40:43-44, PTSLENHS1949-50:36-38,

PTSLENHS1951-52:72-73, PTSLENHS1951-52:73-74, PTSLENHS1951-52:81, Saunders1892, SuffolkHets, Synopsis1875, TSBE1:51-84, TSBE11:245-280, TSBE2:47-67
as *Psallus variabilis var. simillimus* IrelandHets, Saunders1892
as *Psallus variabilis var. whitei* Butler1923, IrelandHets
as *Psallus variabilis var. Whitei* EMM14:186-187
as *Psallus Whitei* EMM5:259-268, EMM7:45-53

Psallus varians (Herrich-Schaeffer) (Miridae)
as *P. varians* EMM81:253-273
as *Psall. varians* EMM91:7-27
as *Psallus distinctus* D&S1865, EMM15:66-67, EMM7:45-53
as *Psallus varians* BJENH18:233-252, BJENH20:49-55, BJENH28:5-15, Butler1923, CornwallHets, D&S1865, EG20:125-135, EG43:221-226, EG60:37-71, EMM110:122, EMM123:76, EMM133:17-26, EMM14:165-167, EMM14:186-187, EMM15:66-67, EMM26:81-82, EMM28:258, EMM28:310, EMM29:35-37, EMM29:92-93, EMM39:121-123, EMM48:187-189, EMM5:259-268, EMM51:145-146, EMM54:252-253, EMM63:42, EMM68:85-86, EMM69:234-245, EMM73:234-235, EMM92:35, EMM92:54-64, EMM93:258-271, EMM94:35, EMM94:93, EMM95:68, EMM95:97-100, EMM97:65-71, Ent27:222, Ent34:346, Ent47:146-147, Ent87:15-18, GloucsHets, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:36, Hem2:43, Hem2:50, Hem3:10, Hem3:32, Hem3:33, Hem3:46, Hem3:55, Hem3:80, Hem3:90, Hem4:10, Hem4:108, Hem4:127, Hem4:138, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:117, Hem5:125, Hem5:127, Hem5:141, Hem5:152, Hem5:157, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:165, Hem6:219, Hem6:232, HN17/18:26, HN17/18:7, HSGN1:12, HSGN1:15, HSGN10:12, HSGN11:7, HSGN12:13, HSGN4:D3, HSGN4:D4, HSGN4:D5, HSGN4:D7, HSGN5:6, IrelandHets, LondonHets, PRESL(A)13:19-24, PSLENHS1898:16-23, PSLENHS1900:11-14, PSLENHS1900:15-16, PTBENHS11:67-68, PTBENHS4:25, PTSLENHS1946-47:73-74, PTSLENHS1949-50:36-38, PTSLENHS1950-51:71-72, PTSLENHS1950-51:72-73, PTSLENHS1951-52:73-74, PTSLENHS1952-53:78-79, PTSLENHS1959:81-82, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1965:59-60, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE16:1-48, TSBE2:47-67

Psallus wagneri Ossiannilsson (Miridae)
as *Psallus wagneri* BJENH18:54, CornwallHets, EMM107:255-256, EMM110:122, EMM93:258-271, EMM95:72, GloucsHets, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem2:36, Hem2:46, Hem2:6, Hem3:10, Hem3:108, Hem3:32, Hem3:33, Hem3:46, Hem3:55, Hem4:10, Hem4:108, Hem4:138, Hem4:145, Hem4:33, Hem4:46, Hem4:77, Hem4:81, Hem4:91, Hem5:10, Hem5:110, Hem5:137, Hem5:144, Hem5:157, Hem5:168, Hem5:198, Hem5:208, Hem5:64, Hem6:166, HN11:13, HN16:3, HN17/18:26, HN6:2, HN9:7, HSGN1:12, HSGN3:4, HSGN4:A6, HSGN4:D3, HSGN4:D6, HSGN4:D7, HSGN5:7, HSGN6:6, JSBE6:55-56, LondonHets, PTSLENHS1962:123-183, S&L1959, TSBE15:117-134, TSBE16:1-48

Pseudoloxops coccineus (Meyer-Dür) (Miridae)
as *Loxops coccinea* Butler1923
as *Loxops coccineus* EMM10:63-64, EMM10:92, EMM10:92, EMM12:115, EMM16:114, EMM35:270, EMM69:234-245, Ent27:222, HantsHets, PESL1884:xxv-xxvi, PSLENHS1898:16-23, Saunders1892, SuffolkHets, Synopsis1875
as *P. coccineus* EMM81:253-273
as *Pseudo. coccineus* EMM91:7-27
as *Pseudoloxops* HSGN4:4
as *Pseudoloxops coccinea* EMM65:17, EMM95:97-100, PRESL(A)13:19-24, TSBE1:51-84
as *Pseudoloxops coccineus* CornwallHets, EG16:163-168, EG20:125-135, EMM88:231-251, EMM90:40, EMM90:81-82, EMM97:65-71, GloucsHets, Hem1:11, Hem1:56, Hem1:57,

Hem1:99, Hem2:18, Hem2:24, Hem2:36, Hem2:50, Hem3:10, Hem3:108, Hem3:46, Hem3:80, Hem3:90, Hem3:99, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:39, Hem4:44, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:152, Hem5:198, Hem5:20, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:166, Hem6:214, Hem6:216, Hem6:278, HN17/18:26, HN19/20:6, HN21:8, HN9:7, HSGN1:13, LondonHets, PTSLENHS1951-52:43-44, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1963Part2:75-98, S&L1959, TRESL112:173-220, TSBE11:245-280

Reuteria marqueti Puton (Miridae)
as *Reuteria marqueti* BJENH25:205-215, Hem1:11, Hem1:56, Hem1:57, Hem3:10, Hem4:108, Hem4:115, Hem4:120, Hem4:122, Hem4:77, Hem5:10, Hem5:110, Hem6:166, Hem6:274, Hem6:275, HN11:15, HN9:9

Rhabdomiris striatellus (Fabricius) (Miridae)
as *C. ochromelas* EMM81:253-273, EMM82:94-95
as *Cal. ochromelas* EMM91:7-27
as *Calocoris ochromelas* Butler1923, EMM52:66, EMM61:253-257, EMM64:64, EMM68:209-213, EMM73:234-235, EMM85:253, EMM86:6-8, EMM88:162, EMM92:54-64, EMM93:49-51, EMM95:68, Ent47:146-147, HantsHets, IrelandHets, JESSE1:69-74, PTSLENHS1934-35:12-15, PTSLENHS1949-50:36-38, PTSLENHS1949-50:75-76, PTSLENHS1951-52:72-73, PTSLENHS1952-53:78-79, PTSLENHS1954-55:81-83, TSBE1:51-84, TSBE16:1-48
as *Calocoris ochromelas var. fornicatus* Butler1923, EMM53:112-113, EMM73:234-235, HantsHets
as *Calocoris orchromelas* TSBE11:245-280
as *Calocoris quadripunctatus* BJENH25:205-215, EG20:125-135, EMM110:122, EMM123:76, EMM133:17-26, EMM97:65-71, GloucsHets, HSGN1:16, HSGN5:5, LondonHets, PTBENHS11:67-68, PTBENHS4:119-120, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220, TSBE15:117-134
as *Calocoris striatellus* BJENH18:233-252, CornwallHets, EMM14:165-167, EMM16:175, EMM29:35-37, EMM43:196-202, EMM69:234-245, PSLENHS1900:11-14, Saunders1892, SuffolkHets, Synopsis1875
as *Calocoris striatellus var. fornicatus* Saunders1892
as *Deraeocoris fornicatus* D&S1865, EMM11:117
as *Deraeocoris striatellus* D&S1865, EMM11:117
as *Rhabdomiris striatellus* BJENH20:49-55, BJENH25:205-215, BJENH28:5-15, Hem1:11, Hem1:56, Hem1:57, Hem1:97, Hem2:18, Hem2:36, Hem2:41, Hem3:10, Hem3:128, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem3:90, Hem3:99, Hem4:10, Hem4:108, Hem4:138, Hem4:149, Hem4:23, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:141, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:167, HN17/18:25

Salicarus roseri (Herrich-Schaeffer) (Miridae)
as *Plagiognathus roseri* EMM58:231, EMM68:180-183, EMM69:234-245, Ent24:261-263, SuffolkHets
as *Plagiognathus Roseri* EMM24:91-92, Saunders1892, Synopsis1875
as *Plagionathus roseri* PSLENHS1898:16-23
as *S. roseri* EMM81:253-273
as *Salicarus roseri* BJENH20:49-55, BJENH25:205-215, BJENH28:5-15, CornwallHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem3:10, Hem3:108, Hem3:128, Hem3:46, Hem3:80, Hem3:99, Hem4:10, Hem4:108, Hem4:138, Hem4:33, Hem4:44, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:146, Hem5:157, Hem5:198, Hem5:20, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:167, Hem6:278, HN11:14, HN11:16, HN16:13, HN17/18:26, HSGN3:5, LondonHets
as *Sthen. roseri* EMM91:7-27
as *Sthenaris roseri* PTBENHS11:127-128

as *Sthenarus roseri* BJENH25:205-215, Butler1923, EMM129:60, EMM60:39, EMM88:231-251, EMM91:283, EMM93:49-51, EMM96:128, EMM97:65-71, Ent101:202-204, HantsHets, HSGN1:13, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1964:36, S&L1959, TRESL112:173-220, TSBE11:245-280, TSBE2:47-67
as *Sthenarus Roseri* EMM2:272-276

Stenodema calcarata (Fallén) (Miridae)
as *B. calcarata* EMM81:253-273
as *Brachystira calcarata* EMM87:156, EMM89:17
as *Brachystira calcaratum* EMM85:160, EMM88:22
as *Miris calcaratus* Butler1923, D&S1865, EMM13:87, EMM14:165-167, EMM25:237-238, EMM29:35-37, EMM31:192-194, EMM39:17-18, EMM48:187-189, EMM52:65-66, EMM60:37-39, EMM61:89-91, EMM68:213-214, EMM68:85-86, EMM69:234-245, Ent27:222, Ent36:102, Ent47:146-147, ERJV51:160-161, PESL1903:ii, PSLENHS1931-32:49, PSLENHS1931-32:63-64, Saunders1892, SuffolkHets, Synopsis1875, TSBE2:47-67
as *Sten. calcaratum* EMM91:7-27
as *Stenodema calcarata* BJENH18:233-252, BJENH25:205-215, BJENH28:5-15, BJENH32:239-240, CornwallHets, EG60:37-71, EMM85:193-206, ERJV124:145-147, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:18, Hem2:36, Hem3:10, Hem3:109, Hem3:32, Hem3:33, Hem3:46, Hem3:55, Hem3:80, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:23, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:141, Hem5:168, Hem5:198, Hem5:20, Hem5:208, Hem5:32, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:167, HN15:10, HN17/18:25, PTSLENHS1950-51:75-76, PTSLENHS1950-51:78-79, PTSLENHS1951-52:72-73, PTSLENHS1952-53:83-84, TRESL103:171-218
as *Stenodema calcaratum* BJENH25:205-215, EG16:163-168, EG20:125-135, EG25:45-51, EG43:221-226, EMM109:132-139, EMM109:60, EMM110:122, EMM123:77-81, EMM133:17-26, EMM61:115-117, EMM61:62-63, EMM64:62-64, EMM72:96, EMM77:206-207, EMM81:183-185, EMM86:6-8, EMM90:81-82, EMM92:221-225, EMM92:54-64, EMM93:121-126, EMM93:49-51, EMM96:214, Ent100:157-165, Ent101:202-204, Ent113:70-81, Ent86:34-40, Ent87:18-20, Ent88:89-91, ERJV47:13-14, ERJV81:39-46, GloucsHets, HantsHets, HSGN1:13, HSGN1:16, HSGN1:8, HSGN10:11, HSGN11:10, HSGN11:6, HSGN12:12, HSGN3:11, HSGN5:5, IrelandHets, LondonHets, PRESL(A)13:19-24, PTBENHS12:12, PTBENHS17:37-39, PTBENHS18:30-31, PTBENHS4:83-88, PTSLENHS1949-50:36-38, PTSLENHS1950-51:72-73, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1964:32-33, PTSLENHS1967:26-28, PTSLENHS1967:79, S&L1959, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE18:91-167
as *Stenodema calcaratum var. grisescens* IrelandHets
as *Stenodema calcaratum var. pallescens* IrelandHets
as *Stenodema calcaratum var. virescens* IrelandHets
as *Stenodema calcaratus* Ent67:129-130
as *Stenodema calcatarum* BJENH23:59-61

Stenodema holsata (Fabricius) (Miridae)
as *Miris holsatus* Butler1923, D&S1865, EMM13:87, EMM14:165-167, EMM14:186-187, EMM25:237-238, EMM29:35-37, EMM3:118, EMM48:187-189, EMM52:65-66, EMM54:252-253, EMM58:231, EMM68:85-86, EMM69:234-245, EMM7:45-53, Ent47:146-147, ERJV51:160-161, Saunders1892, Synopsis1875, TSBE2:47-67
as *S. holsatum* EMM81:253-273
as *Sten. holsatum* EMM91:7-27
as *Stenodema holsata* BJENH25:205-215, CornwallHets, ERJV124:145-147, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:18, Hem2:25, Hem2:27, Hem2:36, Hem2:43, Hem3:10, Hem3:32, Hem3:33, Hem3:46, Hem3:80, Hem4:10, Hem4:108, Hem4:138, Hem4:149, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:141, Hem5:157, Hem5:168, Hem5:198,

Hem5:208, Hem5:21, Hem5:46, Hem5:64, Hem5:74, Hem5:97, Hem6:168, Hem6:236, Hem6:263, HN17/18:25, HN9:2, HSGN3:11a
as *Stenodema holsatum* BJENH25:205-215, EG43:221-226, EMM109:60, EMM114:21-24, EMM133:17-26, EMM60:49-52, EMM61:115-117, EMM61:62-63, EMM64:62-64, EMM65:40-42, EMM68:213-214, EMM72:96, EMM92:198, EMM92:221-225, EMM92:54-64, EMM93:49-51, EMM94:93, EMM96:4, Ent113:70-81, GloucsHets, HantsHets, HSGN1:16, HSGN10:11, HSGN10:9, HSGN11:6, HSGN12:12, HSGN3:11, HSGN3:8, HSGN6:3, IrelandHets, LondonHets, PTSLENHS1950-51:77-78, PTSLENHS1956:111-136, PTSLENHS1962:123-183, S&L1959, TSBE1:51-84, TSBE15:117-134, TSBE18:91-167

Stenodema laevigata (Linnaeus) (Miridae)
as *Miris laevigatus* Butler1923, D&S1865, EMM13:87, EMM14:165-167, EMM25:237-238, EMM26:81-82, EMM29:35-37, EMM38:224, EMM39:18, EMM47:36-40, EMM48:187-189, EMM52:65-66, EMM60:37-39, EMM69:234-245, Ent36:102, Ent47:146-147, PESL1903:iii, PSLENHS1900:11-14, PSLENHS1903:3-6, PSLENHS1931-32:63-64, Saunders1892, SuffolkHets, Synopsis1875
as *S. laevigatum* EMM81:253-273, EMM82:94-95
as *Sten. laevigatum* EMM91:7-27
as *Stenodema laevigata* BJENH18:233-252, BJENH25:205-215, BJENH28:5-15, CornwallHets, EG64:146-165, EMM73:235, ERJV124:145-147, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:18, Hem2:36, Hem3:10, Hem3:109, Hem3:32, Hem3:33, Hem3:47, Hem3:55, Hem3:80, Hem3:90, Hem4:10, Hem4:108, Hem4:138, Hem4:23, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:169, Hem5:190, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:168, HN17/18:25, HN2:7
as *Stenodema laevigatum* BJENH25:205-215, EG20:125-135, EG43:221-226, EMM110:122, EMM120:253-258, EMM123:77-81, EMM133:17-26, EMM149:165-180, EMM61:253-257, EMM62:21, EMM63:42, EMM64:218, EMM64:62-64, EMM65:111, EMM65:40-42, EMM72:96, EMM77:206-207, EMM80:201-203, EMM80:75, EMM85:193-206, EMM86:6-8, EMM88:22, EMM89:17, EMM91:237, EMM92:221-225, EMM92:54-64, EMM92:68-71, EMM93:49-51, EMM95:68, Ent100:157-165, Ent112:10-16, Ent62:101-108, Ent86:34-40, GloucsHets, HantsHets, HSGN1:13, HSGN1:16, HSGN1:8, HSGN10:12, HSGN11:10, HSGN11:6, HSGN12:11, IrelandHets, LondonHets, PRESL(A)13:19-24, PTBENHS12:70, PTBENHS17:37-39, PTBENHS4:83-88, PTSLENHS1949-50:36-38, PTSLENHS1951-52:72-73, PTSLENHS1951-52:73-74, PTSLENHS1951-52:xvi, PTSLENHS1960:111-123, PTSLENHS1960:94-95, PTSLENHS1962:123-183, PTSLENHS1963Part1:67, PTSLENHS1963Part2:75-98, PTSLENHS1964:32-33, PTSLENHS1965:86-87, PTSLENHS1967:83-85, S&L1959, TRESL103:171-218, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE2:47-67
as *Stenodema laevigatum var. aestiva* LondonHets
as *Stenodema laevigatum var. grisescens* IrelandHets
as *Stenodema laevigatum var. melas* EMM62:21, EMM92:360, EMM95:68, JSBE6:55-56, LondonHets, PTSLENHS1962:123-183
as *Stenodema laevigatus* Ent67:129-130

Stenodema trispinosa Reuter (Miridae)
as *B. trispinosa* EMM81:253-273
as *Brachystira trispinosa* EMM89:16
as *Miris trispinosum* EMM61:89-91
as *Sten. trispinosum* EMM91:7-27
as *Stenodema trispinosa* BJENH25:205-215, EMM81:253-273, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:46, Hem3:10, Hem3:47, Hem3:80, Hem4:10, Hem4:108, Hem4:138, Hem4:150, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:32, Hem5:46, Hem5:65, Hem6:168, Hem6:214, Hem6:216, HN10:6
as *Stenodema trispinosum* BJENH23:59-61, BJENH25:205-215, EMM108:231, EMM61:89-91, EMM77:206-207, EMM90:81-82, EMM95:113, EMM96:152, EMM98:12, HN15:13, HN7:15,

HSGN3:8, HSGN5:5, HSGN8:10, LondonHets, PTBENHS20:67, PTSLENHS1962:123-183, PTSLENHS1965:91-92, PTSLENHS1967:79, S&L1959
as *Stenodema trispinosus* EMM79:199

Stenotus binotatus (Fabricius) (Miridae)
as *Deraeocoris binotatus* D&S1865
as *Oncognathus binotatus* EMM25:237-238, EMM26:81-82, EMM29:35-37, EMM53:14-15, EMM69:234-245, Ent24:261-263, Ent27:222, PSLENHS1900:15-16, Saunders1892, SuffolkHets, Synopsis1875
as *S. binotatus* EMM81:253-273, EMM82:94-95
as *Sten. binotatus* EMM91:7-27
as *Stenotus binotatus* BJENH18:165-170, BJENH28:5-15, Butler1923, CornwallHets, EG16:163-168, EG20:125-135, EG43:221-226, EMM109:132-139, EMM123:76, EMM123:77-81, EMM133:17-26, EMM48:187-189, EMM58:231, EMM60:265-268, EMM63:12-13, EMM64:62-64, EMM68:231-232, EMM72:258-259, EMM74:20-21, EMM81:183-185, EMM82:66, EMM86:6-8, EMM88:22, EMM88:231-251, EMM91:282-283, EMM92:221-225, EMM92:54-64, EMM93:49-51, EMM94:93, EMM97:65-71, Ent101:202-204, Ent47:146-147, Ent59:84-85, Ent87:15-18, ERJV92:189-190, GloucsHets, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:97, Hem2:18, Hem2:36, Hem3:10, Hem3:109, Hem3:32, Hem3:33, Hem3:47, Hem3:55, Hem3:80, Hem3:91, Hem4:108, Hem4:11, Hem4:138, Hem4:23, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:169, Hem5:190, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:169, Hem6:215, Hem6:216, Hem6:264, Hem6:278, HN17/18:25, HSGN1:13, HSGN11:10, HSGN12:11, HSGN12:13, HSGN13:12, IrelandHets, LondonHets, PRESL(A)13:19-24, PTBENHS18:30-31, PTBENHS4:25, PTBENHS4:83-88, PTSLENHS1936-37:30-32, PTSLENHS1946-47:73-74, PTSLENHS1948-49:73-74, PTSLENHS1949-50:36-38, PTSLENHS1950-51:71-72, PTSLENHS1950-51:75-76, PTSLENHS1960:111-123, PTSLENHS1962:123-183, PTSLENHS1963Part2:75-98, PTSLENHS1966:118, S&L1959, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE2:47-67
as *Stenotus binotus* EMM68:85-86

Sthenarus rotermundi (Scholtz) (Miridae)
as *Psallus rotermundi* EMM69:234-245, SuffolkHets
as *Psallus Rotermundi* EMM28:290, EMM31:97-98, Saunders1892, Synopsis1875
as *Psallus rottermundi* PSLENHS1898:16-23
as *S. rottermundi* EMM81:253-273, EMM82:94-95
as *Sthen. rotermundi* EMM91:7-27
as *Sthenarus rotemundi* EG16:163-168
as *Sthenarus rotermundi* BJENH18:233-252, BJENH22:235-246, CornwallHets, EG20:125-135, EG61:243-250, EMM140:26, EMM59:28-29, EMM91:65, EMM93:258-271, EMM96:128, GloucsHets, HantsHets, Hem1:100, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem2:37, Hem2:43, Hem3:10, Hem3:47, Hem3:80, Hem3:91, Hem4:108, Hem4:11, Hem4:138, Hem4:149, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:157, Hem5:198, Hem5:21, Hem5:32, Hem5:65, Hem5:97, Hem6:169, Hem6:255, Hem6:256, Hem6:278, HN17/18:26, HSGN1:13, HSGN11:10, HSGN4:4, LondonHets, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220, TSBE11:245-280
as *Sthenarus Rotermundi* D&S1865
as *Sthenarus rottermundi* Butler1923, EMM88:231-251, Ent71:148-153

Strongylocoris leucocephalus (Linnaeus) (Miridae)
as *S. leucocephalus* EMM81:253-273
as *Stiphrosoma leucocephala* APSLENHS1890-91:35-36, D&S1865, EMM16:12-15, EMM16:175
as *Stiphrosoma leucocephalum* EMM69:234-245, Synopsis1875
as *Str. leucocephalus* EMM91:7-27

as *Strongylocoris leucocephalus* BJENH26:144, BJENH7:174, Butler1923, EMM123:77-81, EMM34:218-219, EMM35:270, EMM52:66, EMM61:115-117, EMM68:41-42, EMM86:109, EMM90:250, EMM91:268, EMM92:54-64, EMM93:49-51, EMM93:72, EMM96:214, EMM98:166, GloucsHets, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:99, Hem2:37, Hem3:10, Hem3:47, Hem4:11, Hem4:138, Hem4:149, Hem4:33, Hem4:39, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:141, Hem5:152, Hem5:169, Hem5:190, Hem5:198, Hem5:46, Hem5:65, Hem5:74, Hem6:169, Hem6:278, HN2:7, HN23:11, HN9:7, HSGN12:13, HSGN3:6, LondonHets, PTSLENHS1948-49:69-70, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, Saunders1892, TSBE15:117-134

Strongylocoris luridus (Fallén) (Miridae)
as *S. luridus* EMM81:253-273
as *Stiphrosoma lurida* EMM4:265-271
as *Stiphrosoma luridum* Synopsis1875
as *Str. luridus* EMM91:7-27
as *Strongylocoris luridus* BJENH21:184, Butler1923, CornwallHets, EMM101:160, EMM102:285-286, EMM60:65, EMM86:109, EMM92:372-374, Ent55:119, GloucsHets, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:99, Hem2:18, Hem2:37, Hem2:43, Hem3:10, Hem3:47, Hem4:11, Hem4:138, Hem4:77, Hem5:10, Hem5:110, Hem5:198, Hem5:74, Hem5:97, Hem6:170, HN3:5, HN6:9, HN9:4, HN9:6, HSGN8:10, LondonHets, S&L1959, Saunders1892, TSBE1:51-84

Systellonotus triguttatus (Linnaeus) (Miridae)
as *S. triguttatus* EMM81:253-273
as *Stellonotus triguttatus* PTSLENHS1962:123-183
as *Syst. triguttatus* EMM91:7-27
as *Systellonotus* EMM21:19-20, EMM39:121-123
as *Systellonotus triguttatus* AntGuests, Butler1923, D&S1865, EMM11:138, EMM13:113-114, EMM133:175-176, EMM137:231-232, EMM2:30-31, EMM26:81-82, EMM28:290, EMM4:30-33, EMM48:187-189, EMM69:234-245, EMM73:192, EMM85:152-156, EMM88:231-251, EMM89:270, EMM92:341, EMM95:279, EMM97:10, Ent86:34-40, Ent88:10-17, Ent92:6-13, ERJV14:37-40, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:24, Hem3:10, Hem3:47, Hem3:80, Hem4:11, Hem4:138, Hem4:33, Hem4:39, Hem4:77, Hem5:10, Hem5:110, Hem5:169, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:97, Hem6:170, Hem6:236, HN17/18:26, HN19/20:9, HN3:5, HN9:4, HN9:6, HN9:7, HSGN12:9, HSGN7:4, HSGN8:10, LondonHets, PSLENHS1898:16-23, PTBENHS7:92, PTSLENHS1962:99-100, PTSLENHS1966:118, S&L1959, Saunders1892, SuffolkHetsAnn, Synopsis1875, TSBE11:245-280

Teratocoris antennatus (Boheman) (Miridae)
as *T. antennatus* EMM81:253-273, EMM82:94-95
as *Ter. antennatus* EMM91:7-27
as *Teratocoris antennatus* Butler1923, EG60:37-71, EMM109:223-225, EMM14:32-34, EMM21:113, EMM23:139-140, EMM23:144, EMM25:446-447, EMM33:236, EMM44:275, EMM5:259-268, EMM51:220, EMM51:312-313, EMM52:255-257, EMM53:14-15, EMM69:234-245, EMM74:89-90, EMM88:231-251, EMM90:240, EMM91:36, EMM95:61, Ent100:229-237, Ent44:374, Ent86:34-40, Ent87:15-18, ERJV23:326, GloucsHets, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:37, Hem2:41, Hem3:10, Hem3:47, Hem4:108, Hem4:11, Hem4:138, Hem4:33, Hem4:39, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:137, Hem5:169, Hem5:198, Hem5:32, Hem5:46, Hem5:65, Hem6:170, Hem6:232, HN11:13, HN13:11, HN14:11, HN17/18:25, HSGN4:4, LondonHets, PESL1886:xlix, PSLENHS1911-12:52, PTSLENHS1956:111-136, PTSLENHS1962:123-183, PTSLENHS1963Part1:73-74, S&L1959, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280
as *Teratocoris dorsalis* EMM14:32-34, EMM2:217-220, EMM4:30-33

Teratocoris caricis Kirkaldy (Miridae)
as *Teratocoris caricis* BJENH25:205-215, BJENH5:77-78, BJENH7:174-175, EMM105:105, Hem1:11, Hem1:56, Hem1:57, Hem2:61, Hem2:64, Hem2:66, Hem3:10, Hem4:11, Hem4:77, Hem5:10, Hem5:110, Hem5:141, Hem5:158, Hem5:169, Hem5:198, Hem6:171, HN9:5, HN9:6, HSGN1:18, HSGN1:5, HSGN10:10, HSGN10:12, HSGN11:7, HSGN12:11, HSGN12:2, HSGN12:9, HSGN3:9, HSGN4:A6, HSGN4:A9, HSGN8:10
as *Teratocoris elegans* BJENH25:205-215, EMM104:113, EMM105:105, Ent100:229-237

Teratocoris saundersi Douglas & Scott (Miridae)
as *T. saundersi* EMM81:253-273, EMM82:94-95
as *Ter. saundersi* EMM91:7-27
as *Teratocoris saundersi* Butler1923, CornwallHets, EG39:235-246, EMM103:220, EMM104:113, EMM105:105, EMM109:223-225, EMM114:21-24, EMM51:220, EMM51:312-313, EMM52:255-257, EMM53:14-15, EMM61:115-117, EMM63:12-13, EMM68:231-232, EMM69:234-245, EMM72:258-259, EMM73:90-91, EMM90:240, EMM90:40, EMM92:48, EMM92:54-64, EMM95:61, EMM98:207, Ent100:229-237, Ent113:70-81, Ent27:222, Ent59:84-85, ERJV90:189, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:18, Hem2:24, Hem2:41, Hem2:43, Hem2:44, Hem2:61, Hem2:64, Hem3:10, Hem3:32, Hem3:33, Hem3:47, Hem3:80, Hem4:108, Hem4:11, Hem4:128, Hem4:138, Hem4:33, Hem4:39, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:125, Hem5:137, Hem5:141, Hem5:152, Hem5:158, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem6:171, HN11:13, HN16:2, HN17/18:25, HN23:11, HSGN1:16, HSGN10:11, HSGN11:6, HSGN12:11, HSGN12:12, HSGN6:3, IrelandHets, PTSLENHS1956:111-136, PTSLENHS1962:123-183, S&L1959, TSBE11:245-280, TSBE18:91-167
as *Teratocoris Saundersi* EMM11:184-186, EMM14:165-167, EMM14:186-187, EMM19:85-88, EMM26:81-82, EMM33:236, EMM36:94-101, EMM5:259-268, EMM9:192-193, Saunders1892, SuffolkHetsAnn, Synopsis1875
as *Teratocoris saundersii* LondonHets

Teratocoris viridis Douglas & Scott (Miridae)
as *T. viridis* EMM81:253-273, EMM82:94-95
as *Ter. viridis* EMM91:7-27
as *Teratocoris viridis* BJENH5:77-78, Butler1923, EMM103:220, EMM104:113, EMM105:165-166, EMM14:186-187, EMM18:276, EMM4:45-52, EMM52:255-257, EMM68:41-42, EMM95:61, Ent100:229-237, Ent113:70-81, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem3:10, Hem3:32, Hem3:33, Hem3:80, Hem4:11, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:141, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem6:171, HN16:2, HN17/18:25, HSGN1:16, HSGN1:18, HSGN10:12, HSGN11:7, HSGN12:13, IrelandHets, PTSLENHS1956:111-136, S&L1959, Saunders1892, Synopsis1875, TSBE19:173-235

Tinicephalus hortulanus (Meyer-Dür) (Miridae)
as *Macrocoleus hortulanus* EMM15:66-67, EMM16:175, EMM26:296, EMM41:212, Ent27:222, Saunders1892, SuffolkHets, Synopsis1875
as *Megalocoleus hortulanus* Butler1923, EMM68:85-86
as *Oncotylus tanaceti* D&S1865, EMM10:119-120, EMM10:165-166, EMM10:91-92, EMM15:66-67
as *T. hortulanus* EMM81:253-273
as *Tin. hortulanus* EMM91:7-27
as *Tinecephalus hortulanus* EMM92:47-48
as *Tinicephalus hortulanus* EG20:125-135, EMM10:119-120, EMM10:91-92, EMM11:232-235, EMM12:131-132, EMM15:66-67, EMM62:21, EMM88:231-251, EMM90:250, EMM95:96, EMM96:152, ERJV71:265, GloucsHets, HantsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:99, Hem2:37, Hem3:10, Hem3:47, Hem4:108, Hem4:138, Hem4:149, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:116, Hem5:127, Hem5:137, Hem5:141, Hem5:169, Hem5:198, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:172, Hem6:236,

HN16:13, HN17/18:26, LondonHets, PTSLENHS1948-49:73-74, PTSLENHS1956:111-136, PTSLENHS1958:73-74, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, TSBE11:245-280, TSBE15:117-134, TSBE16:1-48

Trigonotylus caelestialium (Kirkaldy) (Miridae)
as *Trigonotylus caelestialium* BJENH19:34-37, BJENH25:205-215, CornwallHets, EMM128:11-14, ERJV105:176, ERJV105:37-38, GloucsHets, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem2:24, Hem2:37, Hem2:56, Hem2:57, Hem2:58, Hem2:6, Hem3:10, Hem3:109, Hem3:117, Hem3:120, Hem3:123, Hem3:80, Hem3:91, Hem3:99, Hem4:108, Hem4:11, Hem4:138, Hem4:145, Hem4:33, Hem4:77, Hem4:91, Hem5:10, Hem5:110, Hem5:137, Hem5:152, Hem5:198, Hem5:212, Hem5:32, Hem5:46, Hem6:172, Hem6:215, Hem6:216, Hem6:253, Hem6:261, Hem6:273, HN11:13, HN16:2, HN6:13, HN7:15, HSGN12:2
as *Trigonotylus coelestialium* HSGN10:3

Trigonotylus psammaecolor Reuter (Miridae)
as *Megaloceraea brevipes* EMM43:196-202
as *Megaloceraea psammaecolor* Butler1923, EMM51:145-146, EMM58:231, HantsHets
as *Megaloceroea psammaecolor* EMM48:187-189
as *T. psammaecolor* EMM81:253-273, EMM82:94-95
as *Tri. psammaecolor* EMM91:7-27
as *Trigonotylus brevipes* EMM29:110-111
as *Trigonotylus psammaecolor* BJENH17:15-23, EMM112:238, EMM44:22-29, EMM62:21, EMM72:258-259, EMM92:54-64, EMM95:48, EMM99:230-232, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:43, Hem3:10, Hem3:47, Hem3:80, Hem4:11, Hem4:138, Hem4:33, Hem4:44, Hem4:77, Hem4:92, Hem5:10, Hem5:110, Hem5:169, Hem5:198, Hem5:21, Hem5:32, Hem5:46, Hem6:172, HN17/18:26, HN2:8, HN9:4, HN9:6, HSGN11:10, HSGN11:8, HSGN12:9, HSGN3:8, HSGN6:6, HSGN8:10, PTBENHS19:55, PTSLENHS1961:14-15, PTSLENHS1961:15, PTSLENHS1962:123-183, PTSLENHS1963Part1:50, S&L1959, TSBE11:245-280

Trigonotylus ruficornis (Geoffroy) (Miridae)
as *Megaloceraea ruficornis* EMM147:256-257
as *Trigonotylus ruficornis* BJENH18:165-170, BJENH28:5-15, CornwallHets, EG48:23-33, EMM147:256-257, ERJV105:176, ERJV105:37-38, GloucsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:98, Hem2:18, Hem2:43, Hem2:46, Hem2:56, Hem2:57, Hem2:6, Hem3:10, Hem3:117, Hem3:120, Hem3:32, Hem3:33, Hem3:80, Hem3:91, Hem3:99, Hem4:108, Hem4:11, Hem4:138, Hem4:145, Hem4:146, Hem4:23, Hem4:33, Hem4:77, Hem5:10, Hem5:110, Hem5:137, Hem5:141, Hem5:157, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem6:173, Hem6:216, Hem6:253, Hem6:256, Hem6:263, Hem6:283, HN17/18:26, HSGN12:12, HSGN12:2

Trigonotylus ruficornis/caelestialium AMBIGUOUS (Miridae)
as *Megaloceraea ruficornis* Butler1923, EMM13:87, EMM14:165-167, EMM14:186-187, EMM16:175, EMM17:234-235, EMM25:237-238, EMM43:196-202, EMM54:252-253, EMM58:231, EMM69:234-245, HantsHets, JSBE1:131-141, PTSLENHS1934-35:12-15, Saunders1892, SuffolkHets, Synopsis1875
as *Megalocerea ruficornis* EMM73:234-235
as *Megaloceroea ruficornis* EMM48:187-189, EMM53:112-113, Ent27:222
as *Melagoceraea ruficornis* EMM21:19-20
as *Miris ruficornis* D&S1865, EMM3:118
as *T. ruficornis* EMM81:253-273, EMM82:94-95
as *Tri. ruficornis* EMM91:7-27
as *Trigonotylus ruficornis* CornwallHets, EG16:163-168, EG20:125-135, EG25:45-51, EG39:235-246, EG43:221-226, EMM102:285-286, EMM109:60, EMM114:21-24, EMM117:173, EMM120:253-258, EMM123:77-81, EMM128:11-14, EMM133:17-26, EMM29:110-111,

EMM44:22-29, EMM61:62-63, EMM64:62-64, EMM65:40-42, EMM68:231-232, EMM92:54-64, EMM95:48, EMM97:65-71, EMM99:230-232, Ent113:70-81, Ent67:129-130, Ent86:34-40, Ent92:6-13, Ent96:225-236, HSGN1:13, HSGN1:16, HSGN10:11, HSGN11:6, HSGN3:8, IrelandHets, LondonHets, PRESL(A)13:19-24, PTSLENHS1949-50:36-38, PTSLENHS1950-51:72-73, PTSLENHS1951-52:xvi, PTSLENHS1952-53:83-84, PTSLENHS1960:111-123, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134, TSBE18:91-167

Tropidosteptes pacificus (Van Duzee) (Miridae)
as *Tropidosteptes pacificus* BJENH25:205-215, BJENH26:209-210, BJENH26:45, BJENH32:363-364, Hem1:11, Hem1:56, Hem1:57, Hem3:10, Hem4:77, Hem5:10, Hem5:110, Hem5:152, Hem5:81, Hem5:86, Hem5:90, Hem6:173, HN17/18:16, HN19/20:6, HN19/20:9, HN21:6

Tupiocoris rhododendri (Dolling) (Miridae)
as *Dicyphus rhododendri* BJENH25:205-215, EMM107:244-245, EMM112:176, EMM118:79-86, EMM119:116, HSGN1:13, HSGN1:5, HSGN12:5, HSGN3:6
as *Neodicyphus rhododendri* BJENH25:205-215, EMM118:79-86, EMM119:116, Ent111:134-150, HSGN4:A6, HSGN4:A9, HSGN5:E1, HSGN5:E3, HSGN5:E4, LondonHets
as *Tupiocoris rhododendri* BJENH25:205-215, Hem1:11, Hem1:56, Hem1:57, Hem2:18, Hem3:10, Hem3:57, Hem3:60, Hem3:65, Hem3:80, Hem3:91, Hem3:99, Hem4:11, Hem4:138, Hem4:149, Hem4:33, Hem4:44, Hem4:77, Hem4:92, Hem5:10, Hem5:110, Hem5:152, Hem5:198, Hem5:65, Hem6:173, Hem6:239, Hem6:253, Hem6:254, Hem6:256, HN11:13, HN12:18, HN12:19, HN17/18:16, HN17/18:21, HN23:11, HN23:2, HN4:3, HN4:5

Tuponia brevirostris Reuter (Miridae)
as *Tuponia brevirostris* Hem6:223, Hem6:225, Hem6:226, Hem6:227, Hem6:229, Hem6:245

Tuponia brevirostris/hippophaes AMBIGUOUS (Miridae)
as *Tuponia brevirostris* BJENH17:143-146, BJENH25:205-215, EMM139:176-177, EMM140:272, ERJV124:29, ERJV126:12-13, Hem1:11, Hem1:56, Hem1:57, Hem3:10, Hem3:47, Hem4:108, Hem4:112, Hem4:115, Hem4:120, Hem4:24, Hem4:25, Hem4:77, Hem5:10, Hem5:110, Hem5:198, Hem5:46, Hem6:174, HN17/18:21, HN19/20:10, HN3:5, HN4:7

Tuponia hippophaes (Fieber) (Miridae)
as *Tuponia hippophaes* BJENH32:363-364, Hem6:223, Hem6:224, Hem6:225, Hem6:227, Hem6:228, Hem6:245

Tuponia mixticolor (A. Costa) (Miridae)
as *Tuponia carayoni* BJENH15:180, BJENH25:205-215, EG42:36, EMM116:83-84, EMM139:176-177, ERJV124:29, ERJV126:12-13, HSGN1:4, HSGN3:4, HSGN4:A6, HSGN6:6, HSGN8:10, PTBENHS17:18, PTBENHS19:55
as *Tuponia caroyoni* HSGN6:1
as *Tuponia mixticolor* BJENH17:143-146, BJENH18:208, BJENH25:205-215, EMM139:176-177, ERJV124:29, ERJV126:12-13, Hem1:11, Hem1:56, Hem1:57, Hem3:10, Hem3:115, Hem3:117, Hem3:123, Hem3:47, Hem4:108, Hem4:11, Hem4:115, Hem4:138, Hem4:24, Hem4:25, Hem4:33, Hem4:77, Hem5:10, Hem5:110, Hem5:125, Hem5:152, Hem5:32, Hem5:46, Hem6:174, Hem6:223, Hem6:227, HN19/20:10, HN3:5

Tytthus pubescens (Knight) (Miridae)
as *C. geminus* EMM81:253-273
as *Cyrt. geminus* EMM91:7-27
as *Cyrtorhinus geminis* EMM92:296
as *Cyrtorhinus geminus* EMM88:92, TSBE11:245-280

as *Cyrtorrhinus geminus* Butler1923, EMM46:29, EMM68:41-42, Ent43:319, ERJV47:13-14, HantsHets
as *Tytthus geminis* EMM92:296
as *Tytthus geminus* BJENH25:205-215, HSGN1:5, HSGN12:9, HSGN6:6, HSGN8:9, LondonHets, PTSLENHS1956:111-136, PTSLENHS1962:123-183, S&L1959
as *Tytthus pubescens* BJENH25:205-215, CornwallHets, Hem1:11, Hem1:56, Hem1:57, Hem1:99, Hem2:18, Hem2:43, Hem2:44, Hem3:10, Hem3:32, Hem3:33, Hem3:80, Hem4:11, Hem4:138, Hem4:33, Hem4:44, Hem4:77, Hem5:10, Hem5:110, Hem5:137, Hem5:198, Hem5:208, Hem5:65, Hem6:174, HN17/18:26, HN9:5, HN9:6

Tytthus pygmaeus (Zetterstedt) (Miridae)
as *C. pygmaeus* EMM81:253-273
as *Chlamydatus insignis* EMM24:196-198, Synopsis1875
as *Chlamydatus pygmaeus* EMM19:140, EMM24:196-198, PESL1876:xxvi
as *Cyrt. pygmaeus* EMM91:7-27
as *Cyrterrhinus pygmaeus* Ent41:254
as *Cyrtorhinus pygmaeus* EMM86:xxxii, EMM91:36, EMM91:54, EMM92:296, EMM92:54-64, Ent83:263-264, Ent86:34-40, PTSLENHS1950-51:13-14, TSBE11:245-280
as *Cyrtorrhinus pygmaeus* Butler1923, EMM46:29, EMM61:62-63, HantsHets, IrelandHets, PSLENHS1898:16-23, PSLENHS1908-09:69, Saunders1892, SuffolkHets, TSBE2:47-67
as *Tytthus insignis* EMM11:184-186, EMM13:113-114, EMM14:127-131, EMM2:246-249, EMM3:92, PESL1876:xxvi
as *Tytthus pygmaeus* BJENH28:5-15, CornwallHets, EMM92:296, EMM93:21, EMM93:49-51, EMM95:61, EMM97:65-71, EMM99:157-161, GloucsHets, Hem1:11, Hem1:56, Hem1:57, Hem1:99, Hem2:18, Hem2:23, Hem2:37, Hem2:41, Hem2:44, Hem3:10, Hem3:32, Hem3:33, Hem3:47, Hem3:80, Hem3:91, Hem4:108, Hem4:11, Hem4:138, Hem4:146, Hem4:152, Hem4:34, Hem4:44, Hem4:77, Hem4:92, Hem5:10, Hem5:110, Hem5:125, Hem5:137, Hem5:141, Hem5:153, Hem5:157, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:97, Hem6:175, Hem6:278, HN11:14, HN17/18:26, HSGN12:13, HSGN3:4, LondonHets, PTSLENHS1956:111-136, PTSLENHS1962:123-183, S&L1959, TRESL112:173-220

Zygimus nigriceps (Fallén) (Miridae)
as *Zygimus nigriceps* BJENH25:205-215, EMM101:143-144, EMM107:172-173, EMM94:171-172, EMM96:227, Ent97:248-249, Hem1:11, Hem1:56, Hem1:57, Hem3:10, Hem4:11, Hem4:77, Hem5:10, Hem5:110, Hem5:169, Hem6:175, HN16:3, HN19/20:9, HSGN1:18, HSGN1:5, HSGN3:8, HSGN6:6, HSGN8:10, PTSLENHS1961:2, PTSLENHS1964:9, S&L1959

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively.

Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Psallus albicinctus* (Kirschbaum) (Miridae)**

Common name. The Toothpaste Plantbug.

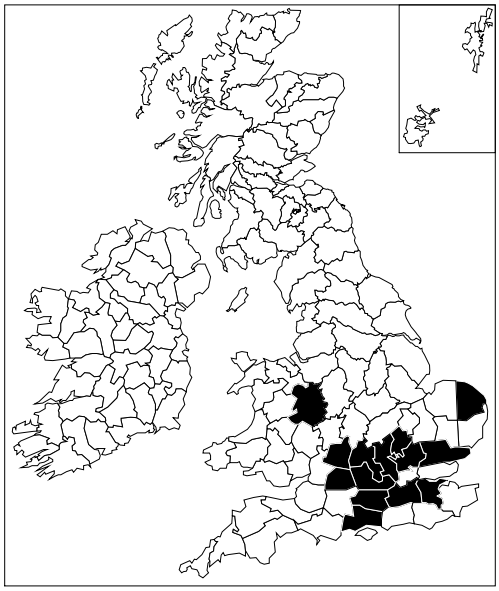
First report. EMM28:258 as *Psallus albicinctus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from field corner, woodland clearing, ride, grassland. Taken from oak, sallow, tattered suckers of grey poplar (*Populus canescens*). Taken by sweeping, beating, fogging with insecticide.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						1
June	2	2	2	3	1	1
July			1		1	
August						
September						
October						
November						
December						

***Psallus ambiguus* (Fallén) (Miridae)**

Common name. The Cosmopolitan Tiny Plantbug.

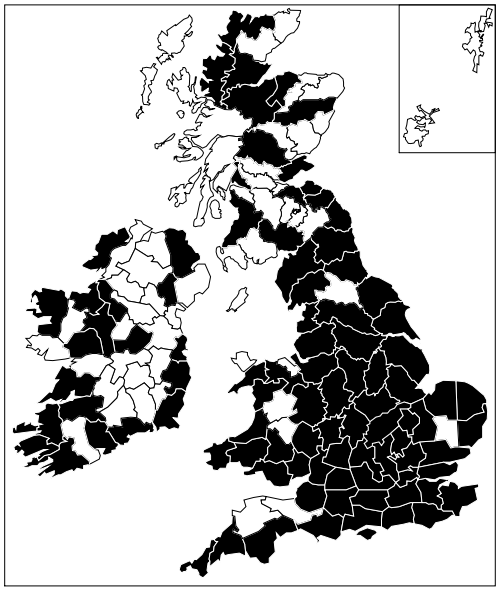
First report. D&S1865 as *Apocremnus obscurus*.

Ambiguities. Prior to Synopsis1875 records for the name *ambiguus* may refer to *Psallus betuleti* or *P. montanus* (Hem5:114-118).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from mixed scrub (n), canal, urban areas, woodland. Taken from alder (*Alnus*), apple tree (w), blackcurrent, hawthorn (*Crataegus*), oak, rowan, crack willow (*Salix euxina*) (n), field maple (*Acer campestre*) (n), Goat Willow (*Salix caprea*) (n), sallow, beech, elm, elder, birch, crab apple, hazel, heavily fruiting hornbeams (*Carpinus betulus*), *Malus*, *Ribes*, rowan (*Sorbus aucuparia*) at 1000ft, *Betula pubescens*, White willow (*Salix alba*) (n). Taken by sweeping, beating (n), light trap, suction trap, Malaise trap. Parasitised with Braconid. Nymphs found in blossom trusses of apple trees. After flowers had fallen, nymphs found on leaves, twigs and branches. Nymphs also found on alder. Adults flew in warm, sunny weather. Eggs mainly laid in bark of two-year-old wood in the angle formed by the junction of two shoots, or where a fruit bud arose from a spur. Eggs found in similar situation on alder. Eggs found in apple bark in January to March. In culture, all instars fed on both plant and animal food. Prey accepted included Collembola, Psocoptera, Lepidoptera larvae, mites, Homoptera and nymphs of other Heteroptera, that is *Anthocoris nemorum*, *Orthotylus*, *Heterotoma merioptera*, and its own species. Parasitised larvae found in the orchard.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March					N	
April						
May				N	N	1 N
June	6	4	9	5 N	5	13
July	6	4	5		1	2
August					1	
September						
October						
November		1				
December						

***Psallus anaemicus* Seidenstücker (Miridae)**

Common name. The Pale Turkey Oak Plantbug.

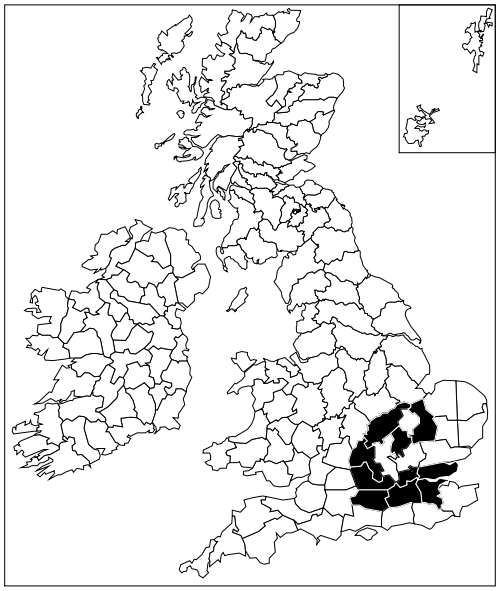
First report. HN22:3-4 as *Psallus anaemicus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from Turkey Oak (*Quercus cerris*). Taken by beating. Males infected with parasites.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				4		3
July	2		2			
August						
September						
October						
November						
December						

***Psallus assimilis* Stichel (Miridae)**

Common name. The Maple Plantbug.

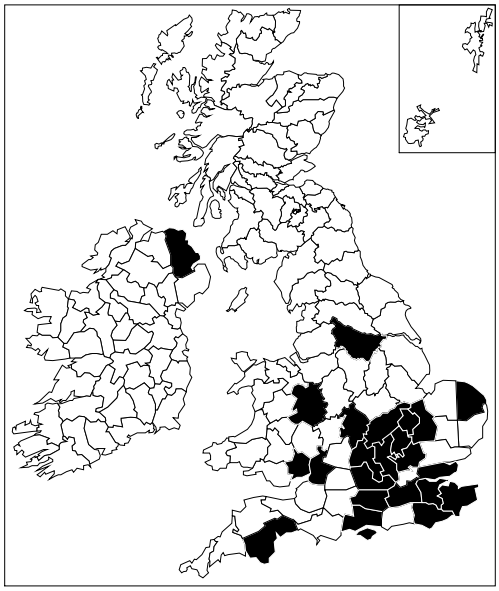
First report. D&S1865 as *Apocremnus simillimus*.

Ambiguities. Prior to EMM93:258-271 records for this species may refer to *Psallus variabilis, P. quercus, P. perrisi* or *P. wagneri* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from perimeter of a filled-in quarry, bordering a path, urban areas, along rides. Taken from field maple (*Acer campestre*) (n), hazel. Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May				N		2
June		4	1		4 N	1
July	1	1	1		1	
August						
September						
October						
November						
December						

***Psallus betuleti* (Fallén) (Miridae)**

Common name. The Dark Birch Plantbug.

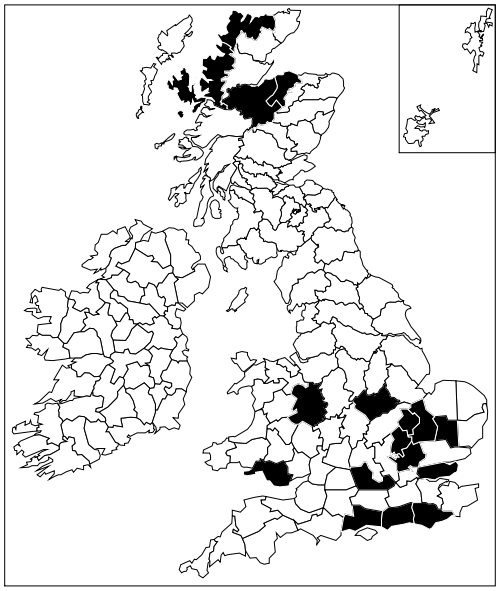
First report. D&S1865 as *Apocremnus ambiguus*.

Ambiguities. Prior to HN9:14 records may refer to *Psallus montanus* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from birch (*Betula x pendula*) on a ride.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May					1	
June						
July						
August	1					
September						
October						
November						
December						

No habitus images are available.

***Psallus confusus* Rieger (Miridae)**

Common name. The Tiny Confused Plantbug.

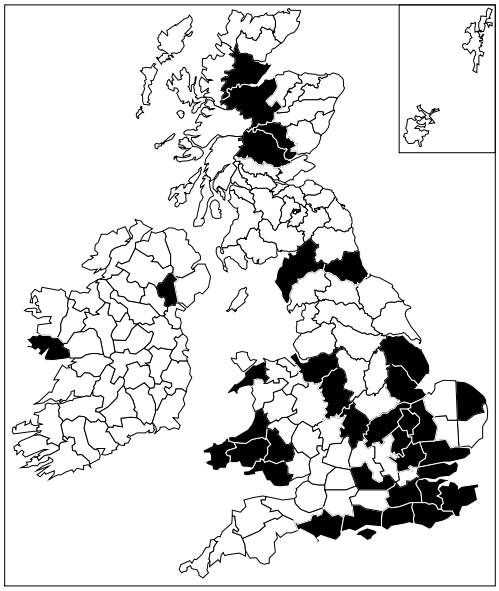
First report. EMM13:85-86 as *Psallus diminutus*.

Ambiguities. Prior to EMM93:258-271 records for *Psallus diminutus* may refer to this species or to *Psallus mollis* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from urban areas, woods. Taken from oak, poplar, aspen. Taken by light trap, fogging with insecticide.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1		3	1
July					1	
August						
September						
October						
November						
December						

***Psallus falleni* Reuter (Miridae)**

Common name. The Red Birch Plantbug.

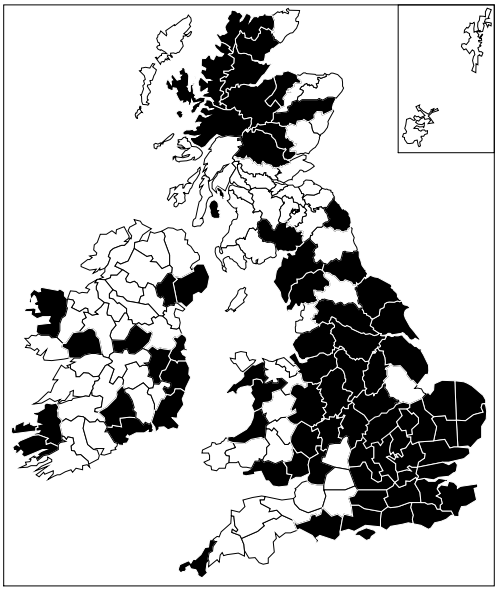
First report. D&S1865 as *Psallus salicis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden, heathland, woodland, demolition site. Taken from birch, *Betula pubescens*, oak, *Quercus petraea*, sallow, ash, *Fraxinus*. Taken by sweeping, beating, light trap, fogging with insecticide, Malaise trap, in waterbut.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				N		1
July		1	1	3	1	1
August	2		3	1	1	4
September	1	1	1		1	
October	1	2				
November						
December						

***Psallus flavellus* Stichel (Miridae)**

Common name. The Scarce Ash Plantbug.

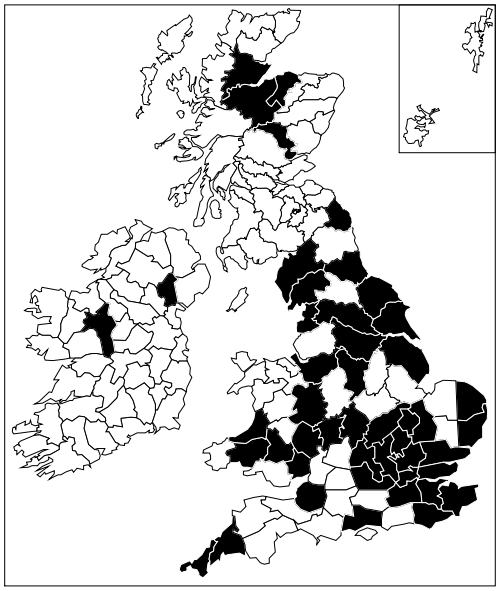
First report. D&S1865 as *Psallus roseus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from urban areas, woodland. Taken from hybrid black poplar (*Populus x canadensis*), ash, sycamore. Taken by beating. Adults and nymphs in leaf galls from an Ash (*Fraxinus excelsior*) hedge in a garden, attacking nymphs of the psyllid *Psyllopsis fraxini*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				1	1	
July		5	2	1	2	
August					1	
September			1			
October						
November						
December						

No habitus images are available.

***Psallus haematodes* (Gmelin) (Miridae)**

Common name. The Sallow Tiny Plantbug.

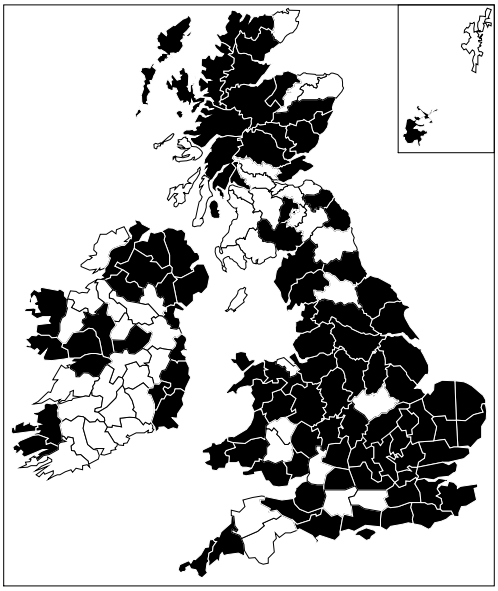
First report. D&S1865 as *Psallus dilutus, Psallus Querceti* and *Psallus sanguineus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from canal, naturally vegetated derelict land, woodland, round a lake, marsh, sandhills. Taken from sallow (n), willow, *Salix* (n), hazel, birch, dwarf-growing *Salix, Salix cinerea, Salix purpurea, Salix aurita*. Taken by sweeping, suction trap, Malaise trap. Seen in flight. Nymphs had Braconid parasites.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					1	
July		2	3	5	2	5 N
August	4	3	5	4	3	2
September	3	2	2	3	4	
October		1				
November						
December						

***Psallus helenae* Josifov (Miridae)**

Common name. The Brown Turkey Oak Plantbug.

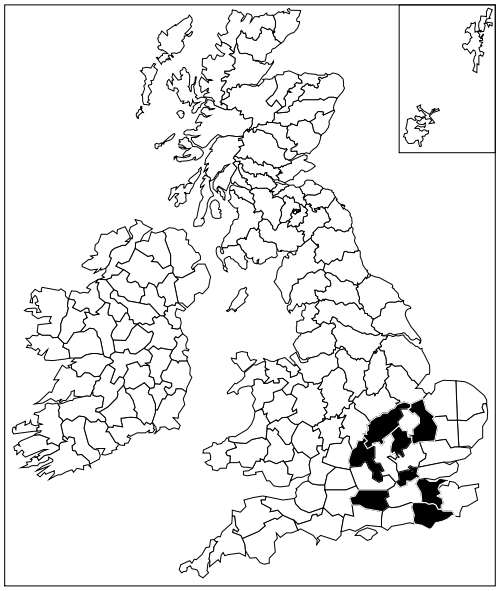
First report. HN22:3-4 as *Psallus helenae*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from cemetery. Taken from Turkey oak (*Quercus cerris*). Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				3		3
July	1	1	1	1		
August						
September						
October						
November						
December						

***Psallus lepidus* Fieber (Miridae)**

Common name. The Common Ash Plantbug.

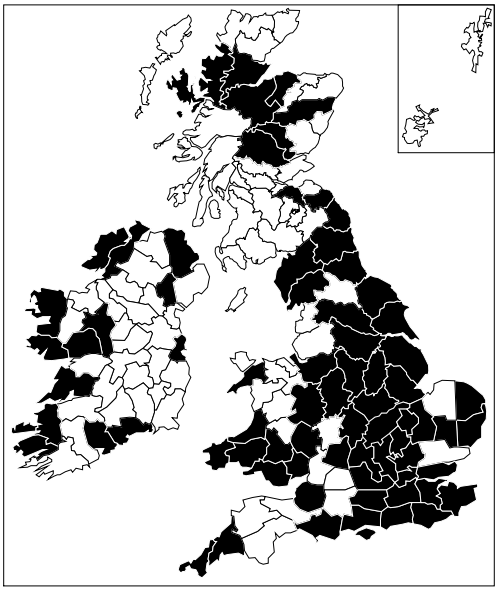
First report. D&S1865 as *Psallus lepidus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from filled-in quarry (n), urban areas, woodland, roadside verge. Taken from ash (*Fraxinus*) (n), hazel, *Cnicus*. Taken by beating. Nymphs had Braconid parasites.



	1-5	6-10	11-15	16-20	21-25	26-
January		1				
February						
March						
April						
May						1
June	2 N	3 N	3	5	1	6
July	3	4	2	2	3	2
August	2	3		1		1
September						
October						
November						
December						

***Psallus lucanicus* Wagner (Miridae)**

Common name. The Red Turkey Oak Plantbug.

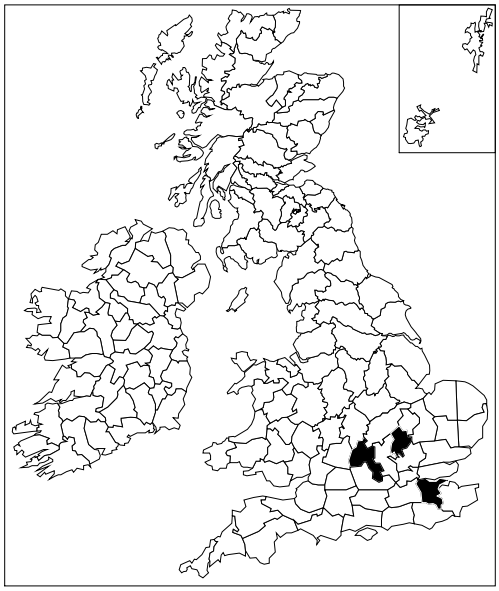
First report. Hem3:70-72 as *Psallus lucanicus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from Turkey oak (*Quercus cerris*). Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						1
July	1					
August						
September						
October						
November						
December						

***Psallus luridus* Reuter (Miridae)**

Common name. The Larch Plantbug.

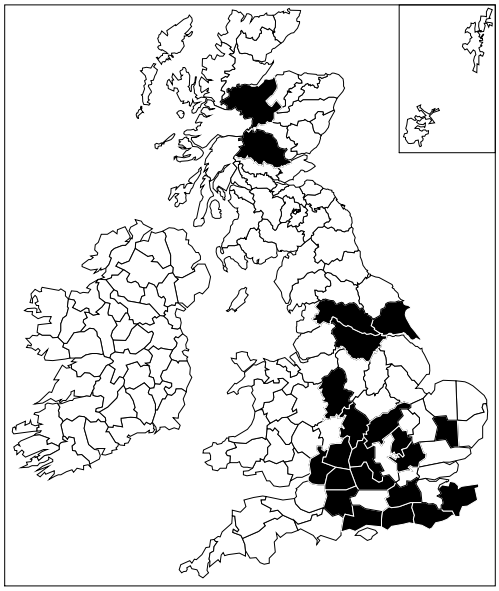
First report. EMM59:28-29 as *Psallus luridus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from edge of a conifer plantation, sandpit (n). Taken from larch (n), *Larix decidua*. Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July	1		2	2		2
August		1		1		
September						
October						
November						
December						

***Psallus mollis* (Mulsant & Rey) (Miridae)**

Common name. The Tiny Oak Plantbug.

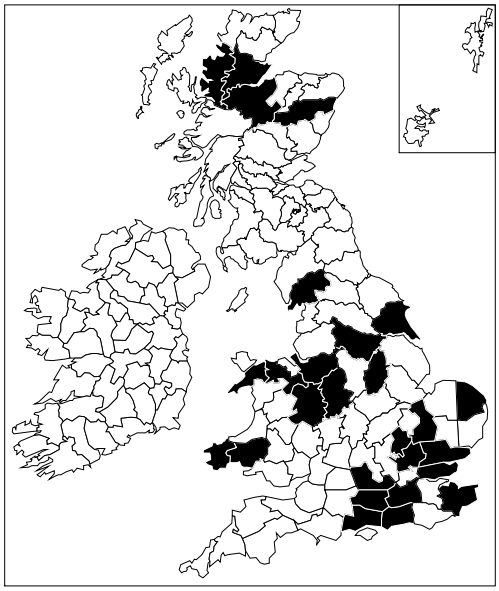
First report. EMM93:258-271 as *Psallus masseei*.

Ambiguities. Prior to EMM93:258-271 records for *Psallus diminutus* may refer to this species or to *Psallus confusus* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from urban areas, woodland. Taken from oak, *Quercus*. Taken by beating, light trap, fogging with insecticide, sweeping ground flora, especially the flowers of Umbelliferae.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					3	1
July	2		3			
August						
September						
October						
November						
December						

***Psallus montanus* Josifov (Miridae)**

Common name. The Brown Birch Plantbug.

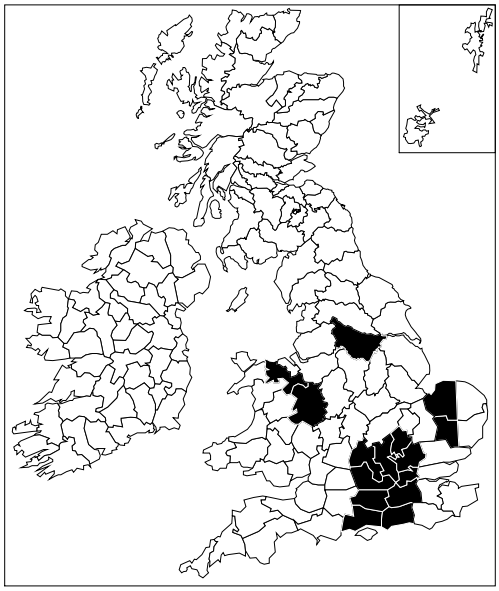
First report. HN9:14 as *Psallus montanus.*

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from Birch (*Betula*) (n), alder (*Alnus*). Taken by beating, light trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May				N	1	1
June	1	5	9	7	1	5
July		1	3	1	1	
August						
September						
October						
November						
December						

***Psallus pardalis* Seidenstücker (Miridae)**

Common name. The Spotty Turkey Oak Plantbug.

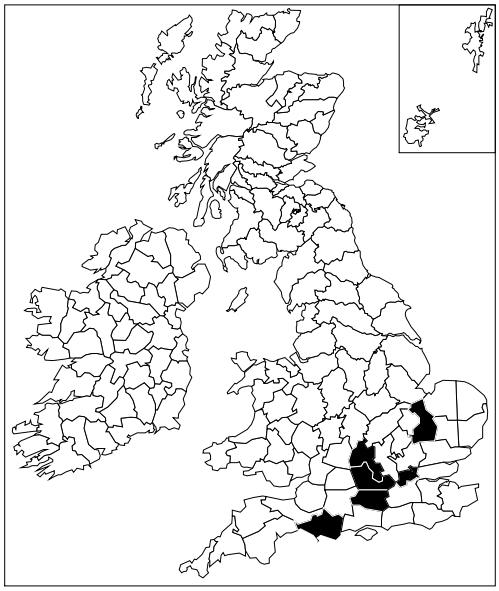
First report. Hem4:81-84 as *Psallus pardalis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from cemetery. Taken from Turkey Oak (*Quercus cerris*). Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				2		1
July	1					
August						
September						
October						
November						
December						

***Psallus perrisi* (Mulsant & Rey) (Miridae)**

Common name. The Dark Oak Plantbug.

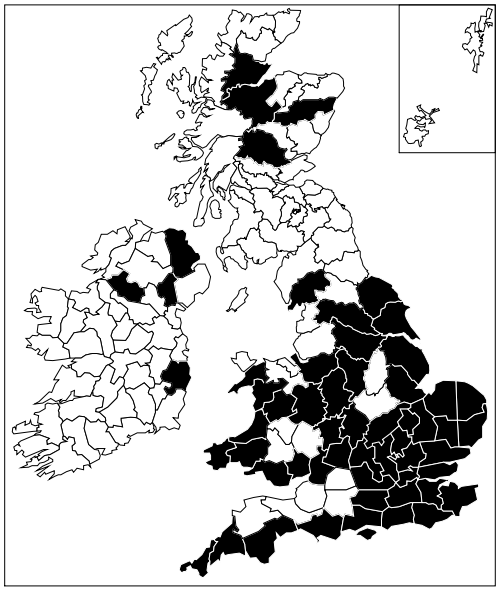
First report. EMM93:258-271 as *Psallus perrisi*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden, urban areas, woodland. Taken from oak (n), *Quercus*, birch, apple, scrub vegetation. Taken by sweeping, beating, light trap, suction trap, Malaise trap, fogging with insecticide. Adults and nymphs had Braconid parasites.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May				1		6
June	3 N	6	7	5	11	3
July	5	1	1	1		
August						
September						
October						
November						
December						

***Psallus pseudoplatani* Reichling (Miridae)**

Common name. The Sycamore Plantbug.

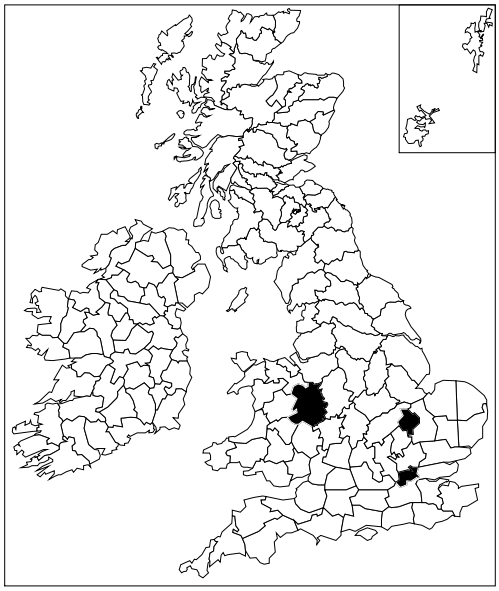
First report. BJENH16:186 as *Psallus pseudoplatani*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from sycamore. Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					1	
July						
August						
September						
October						
November						
December						

No habitus images are available.

***Psallus quercus* (Kirschbaum) (Miridae)**

Common name. The Rare Oak Plantbug.

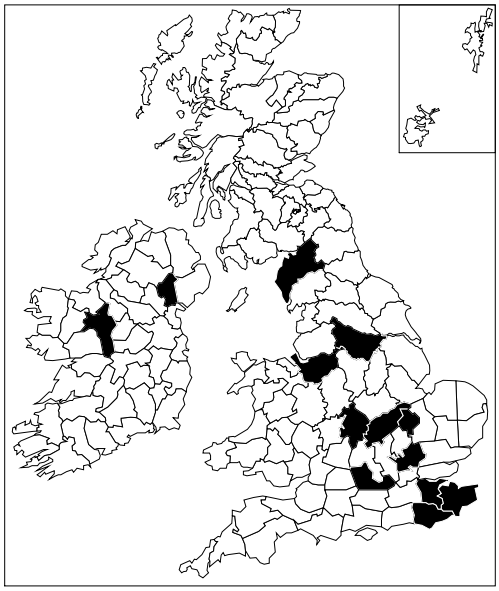
First report. D&S1865 as *Apocremnus Quercus*.

Ambiguities. Prior to EMM93:258-271 records for this species may refer to *Psallus variabilis, P. assimilis, P. perrisi* or *P. wagneri* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from woodland. Taken by Malaise trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July	1					
August						
September						
October						
November						
December						

No habitus images are available.

***Psallus salicis* (Kirschbaum) (Miridae)**

Common name. The Red Alder Plantbug.

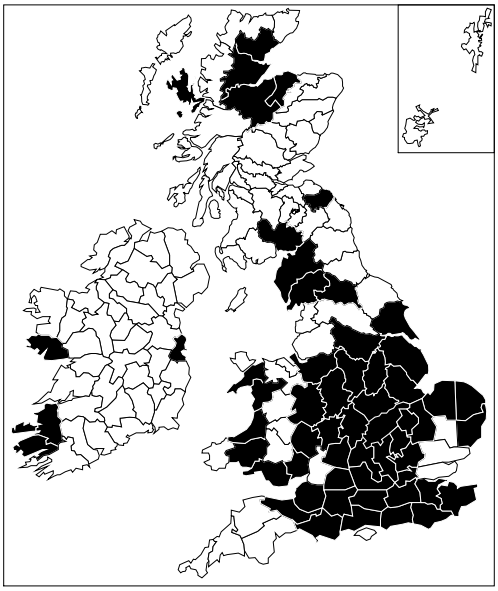
First report. D&S1865 as *Psallus Alni*.

Ambiguities. Prior to Synopsis1875 records for the name *salicis* may refer to *Psallus falleni* (Hem5:114-118).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshes, dunes, recreation ground, along a river. Taken from alder (*Alnus*), sallow. Taken by beating, light trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May				2		
June	1	1		1	1	
July						
August	1	5	4	2	2	4
September		1	3	2		
October	1					
November						
December						

***Psallus variabilis* (Fallén) (Miridae)**

Common name. The Variable Oak Plantbug.

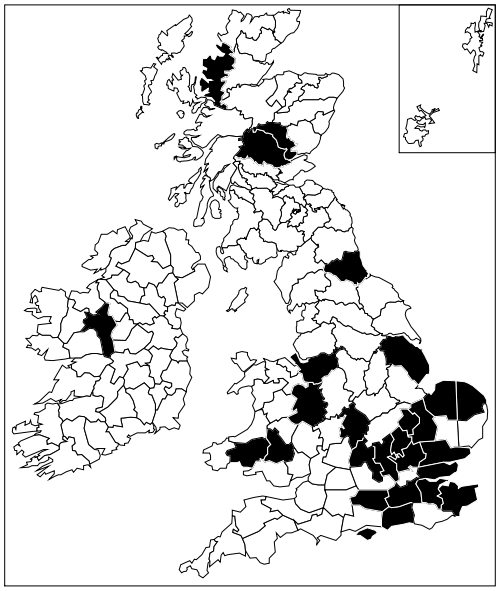
First report. D&S1865 as *Apocremnus variabilis*.

Ambiguities. Prior to EMM93:258-271 records for this species may refer to *Psallus quercus*, *P. assimilis*, *P. perrisi* or *P. wagneri* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from around ponds. Taken from maple, *Crataegus*, sallow (*Salix*), *Quercus*. Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				1	3	1
July	2	2				
August	1			1		
September						
October						
November						
December						

No habitus images are available.

***Psallus varians* (Herrich-Schaeffer) (Miridae)**

Common name. The Common Oak Plantbug.

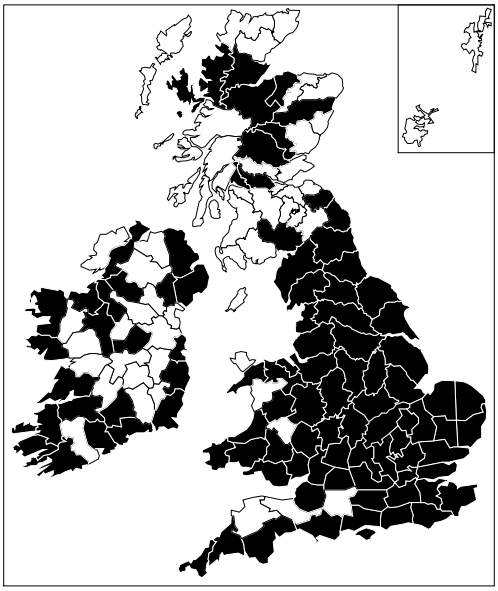
First report. D&S1865 as *Psallus distinctus* and *Psallus varians*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from woodland, mixed scrub, naturally vegetated derelict land, urban areas, hedgerow. Taken from oak (*Quercus*) (n), Holm Oak (*Quercus ilex*) (n), *Quercus petraea*, *Quercus robur*, apple, hazel, hornbeam, maple, *Mercurialis perennis*, *Pinus sylvestris*, poplar, aspen, birch, flowers, sallow, spruce, stinging nettles. Taken by sweeping, beating, light trap, suction trap, Malaise trap, fogging with insecticide. Adults and nymphs had Braconid parasites. In culture fed on aphids.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May			N	1 N	1	5
June	6 N	11 N	14	14	11	11
July	8	10	6	5	3	1
August	2		1			
September	1	1				
October						
November						
December						

***Psallus wagneri* Ossiannilsson (Miridae)**

Common name. The Dubious Oak Plantbug.

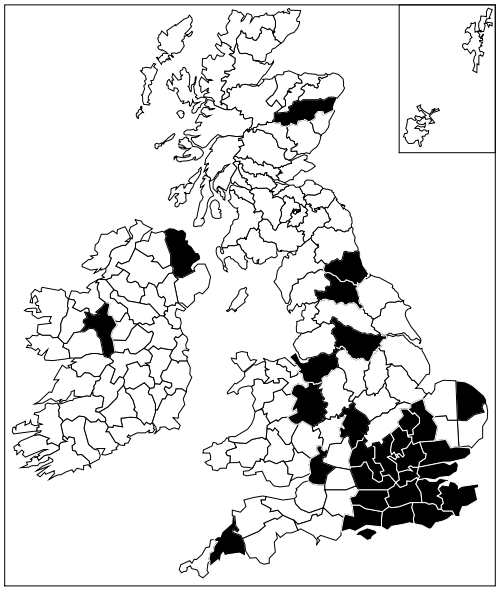
First report. EMM93:258-271 as *Psallus wagneri*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from scrub, woods. Taken from oak, Turkey Oak (*Quercus cerris*), birch, Aspen, hawthorn. Taken by beating, fogging with insecticide.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						1
June				3	2	1
July	1	3				
August		1			1	
September						
October						
November						
December						

No habitus images are available.

***Pseudoloxops coccineus* (Meyer-Dür) (Miridae)**

Common name. The Orange Ash Plantbug.

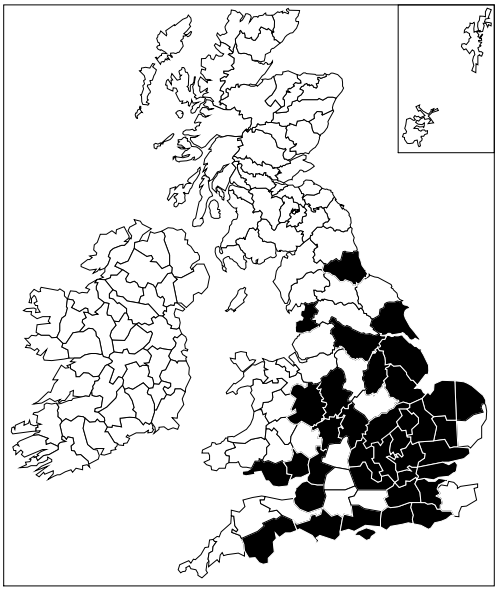
First report. EMM10:63-64 as *Loxops coccineus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from layby (n), garden, dismantled railway line. Taken from Ash (*Fraxinus*) (n), *Fraxinus excelsior*. Taken by beating (n), light trap, suction trap. Nymphs had Braconid parasites.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July			1	N	3 N	3
August	3 N	10	2	4	3	7
September	1	2	2	1		
October						
November						
December						

***Reuteria marqueti* Puton (Miridae)**

Common name. The Green-spotted Plantbug.

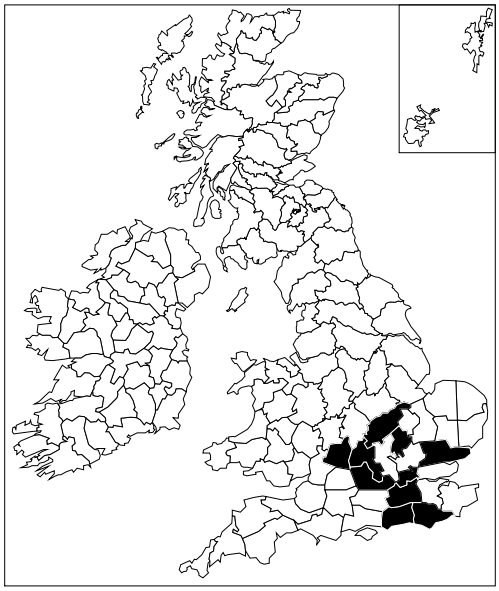
First report. HN9:9 as *Reuteria marqueti*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden. Taken from Turkey Oak (*Quercus cerris*), lime. Taken by beating, in moth trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July						
August		1	1		1	
September						
October						
November						
December						

***Rhabdomiris striatellus* (Fabricius) (Miridae)**

Common name. The Striated Oak Plantbug.

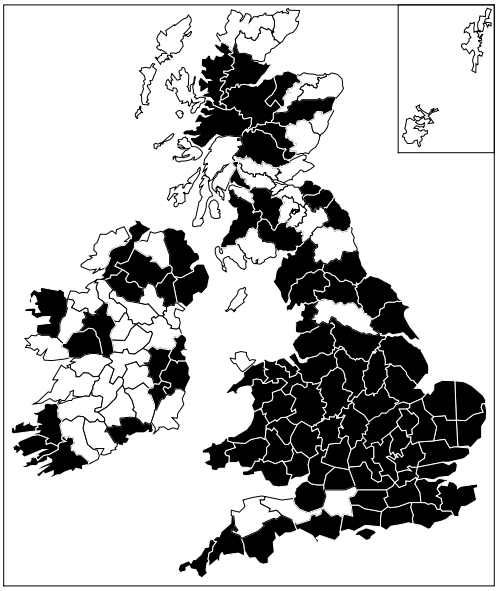
First report. D&S1865 as *Deraeocoris fornicatus* and *Deraeocoris striatellus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from woodland, hedges, urban areas, deerpark, grassy lane, at 1700ft. Taken from Oak (*Quercus*) (n), *Quercus petraea*, aspen, hazel. Taken by sweeping, beating (n), light trap, suction trap, Malaise trap. Nymphs had Braconid parasites. Prey of fly *Neoitamus cyanurus* (Asilidae).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May	N		1	3 N	2 N	15 N
June	15 N	20 N	5	10	5	1
July	3	1			1	
August					1	
September						
October						
November						
December						

***Salicarus roseri* (Herrich-Schaeffer) (Miridae)**

Common name. The Tiny Willow Plantbug.

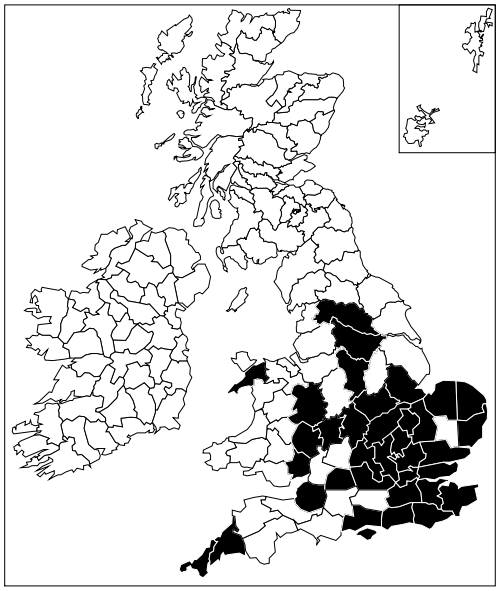
First report. EMM2:272-276 as *Sthenarus Roseri*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from lake (n), woodland, banks of a river. Taken from blackcurrents, White willow (*Salix alba*) (n), *Salix caprea* (n), crack willow (*Salix fragilis*), sallow, stinging nettle, *Urtica dioica*, hazel, long grass under willow trees. Taken by sweeping, beating, light trap, Malaise trap. In culture fed on aphids.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				2 N	6 N	3 N
July	1	5	8	4	3	2
August	2	1		2	1	
September	1					
October						
November						
December						

***Stenodema calcarata* (Fallén) (Miridae)**

Common name. The Two-spined Grass Plantbug.

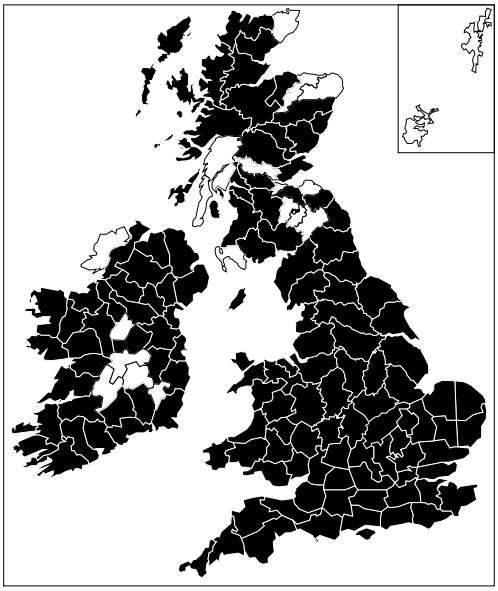
First report. D&S1865 as *Miris calcaratus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from river bank, canal path, hedge bottoms, garden (w), salt marsh, dunes, grass hummocks on a heath (w), naturally vegetated derelict land, tidal marsh, urban areas, ferns and bracken were common, old *Brassica* seedbed overgrown with weeds, damp grassy places, grass on a tip, moss, litter, woodland, bogs, hedgerow, pasture, old sand-pit, roadside, lakeside, dry grassy area, edge of cultivated area (n), margin of a pond, grassland, fields, by a footpath, sheep-grazed upland pasture. Taken from *Molinietum* in felled and burnt areas, roots of grass, blackcurrents, *Juncus effusus*, rank grass, *Salix*, *Erica tetralix*, grass (w). Taken by sweeping (n,w), beating, light trap, suction trap, electric light (w), shaking potato haulms, suction sampling. At the bases of large tufts of grass in winter. Eggs develop in females in the spring. Overwintering females have ochreous hemelytra, becoming green in the spring. No such marked colour change in the males. Overwintered females are brown and turn green in the spring. A smaller number of males also overwinter.



	1-5	6-10	11-15	16-20	21-25	26-
January				1		
February			1		1	
March	1				4	
April			1		2	2
May	4	7	3	1	3	12
June	3	6	6	12 N	9	6
July	3	3	7 N	13 N	8 N	6 N
August	13 N	7	8 N	3	10	5
September	6	7 N	5	3	5	3
October	8		1		2	1
November		2		1		
December						1

***Stenodema holsata* (Fabricius) (Miridae)**

Common name. The Upland Grass Plantbug.

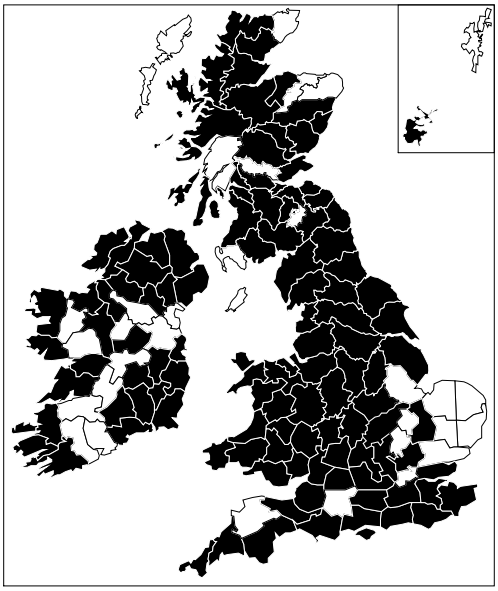
First report. D&S1865 as *Miris holsatus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from grassy paths amid scrub, woodland ride, hedge bottoms, up to 1500ft, by stream, dark canopied stretch of bridleway where the dominant grass was Wood Melick (*Melica uniflora*), naturally vegetated derelict land, where ferns and bracken were common, damp grassy places, dry upland districts where the brake fern (*Pteris aquilina*), roadside banks, shaded portions of car park, sheep-grazed upland pasture. Taken from *Molinietum* in felled and burnt areas, moss (w), litter, hazel, rushes, *Juncus*. Taken by sweeping, suction sampling.



	1-5	6-10	11-15	16-20	21-25	26-
January			1			
February						
March						
April						
May		1		1	2	3
June	1	4	1	3	4	1
July	1	1	1	1	8	1
August	3	4		1	1	3
September	2		1	4	1 N	2
October	3				1	
November						
December						

***Stenodema laevigata* (Linnaeus) (Miridae)**

Common name. The Ubiquitous Grass Plantbug.

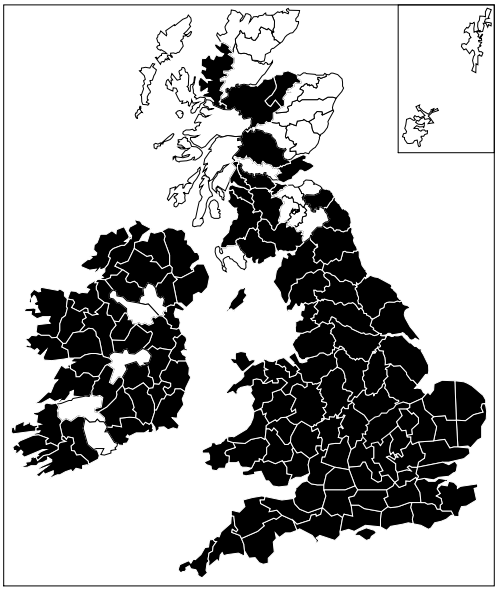
First report. D&S1865 as *Miris laevigatus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from woodland ride, clearing, dismantled railway line, salt marsh, demolition site, dunes, naturally vegetated derelict land, tidal marsh, urban areas, haymeadow, bogs, lake-side, reed swamp, roadsides, edge of cultivated area (n), grassland, unshaded portions of car park, hazel copse, round a lake, bank of a river, waste ground. Taken from long grass (n), nettle, reeds, raspberries, Scotch Fir, *Genista tinctoria* growing in long grass, moss (w). Taken by sweeping (n), beating, light trap, suction trap, suction sampling. In the gizzard of a Great Tit. Flying low down amongst grass, etc (w). Overwintered females are brown and turn green in the spring. A smaller number of males also overwinter. In culture fed on grass, and laid egg partially imbedded in a blade of grass. Hatched 14 days later, and fed on the grass. After five ecdyses a male emerged, 31 days after hatching, which was pale ochreous (not the green of the mother). During the fourth instar, the terminal joint of an antenna was damaged and shrivelled up. The shrivelled part was cast off at the next ecdysis, and the insect had a missing joint, with the other joints of normal length.



	1-5	6-10	11-15	16-20	21-25	26-
January		2				
February						1
March		1	3	1	1	1
April	1	1	2	3		
May	4	6	10	5	10	21
June	11	7	7	18	14	10 N
July	3 N	2	5 N	8	8	3
August	6 N	11 N	11 N	11 N	6	7
September	6	9 N	3	9	5	4
October	3	2	1	2	2	
November				1		
December						

***Stenodema trispinosa* Reuter (Miridae)**

Common name. The Three-spined Grass Plantbug.

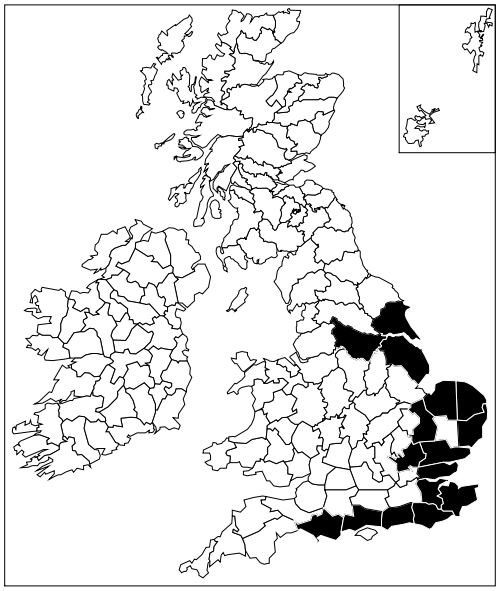
First report. EMM61:89-91 as *Miris trispinosum*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshes (n), estuary shore, reed bed growing in a marshy situation (n), edge of a tidal river (n), round a lagoon separated from the sea by a sea-wall (n). Taken from grass (n), reeds (n), *Phragmites communis* (n), litter behind a sea-wall, *Calamagrostis*. Taken by sweeping (n). Among sedges of closed reed-swamp. Double brooded, overwintering as an adult, mostly female. In early April, move to *Carex hudsonii*. The brown females become green, but the males remain brown. Later in the spring, the females visit other sedges, specifically *C. acutiformis, C. paniculata, C. goodenowii, C. divisa, Eriophorum augustifolium*, and *Luzula campestris*. The males die by mid-May. The summer generation adults (both sexes) also turn from brown to green, and start appearing at the beginning of July. The last of the overwintered females still occur at this time. The new overwintering generation starts to appear at the end of August. Nymphs have been found on sedges.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July	1		1			1
August	1	1 N	1			1 N
September	1	4	1 N	1 N	1 N	
October						
November				1		
December						

No habitus images are available.

***Stenotus binotatus* (Fabricius) (Miridae)**

Common name. The Variable Grass Plantbug.

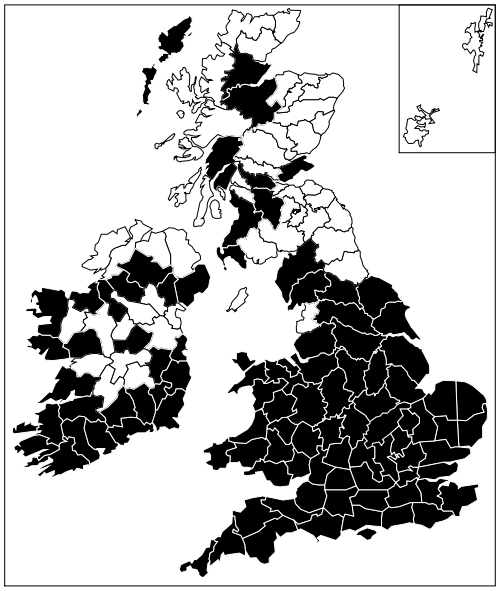
First report. D&S1865 as *Deraeocoris binotatus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden, roadside verge, riverbank, weedy growths bordering a field of oats, cliffs, arable fields, naturally vegetated derelict land, tidal marsh, hayfield, woodland, marshes, hazel, heaths, commons, open pastures, hedgerow, grassland, near pond, rough herbage on the coast, field margin comprising False Oat-grass (*Arrhenatherum elatius*) and Cock's Foot (*Dactylis glomerata*), undisturbed meadows (n). Taken from long grasses, dry grass, nettles (*Urtica*), bedstraws (*Galium*), blackcurrants, *Holcus lanatus*, *Knautia*, *Ononis repens*, Umbelliferae. Taken by sweeping (n), beating, light trap, suction trap, suction sampling, shaking potato haulms. In culture fed on aphids. Nymph had Braconid parasite.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			2	4 N	15 N	9 N
July	10 N	15 N	9 N	20 N	18 N	8
August	10	8	2	4	2	
September	1	2				
October						
November						
December						

***Sthenarus rotermundi* (Scholtz) (Miridae)**

Common name. The White Poplar Plantbug.

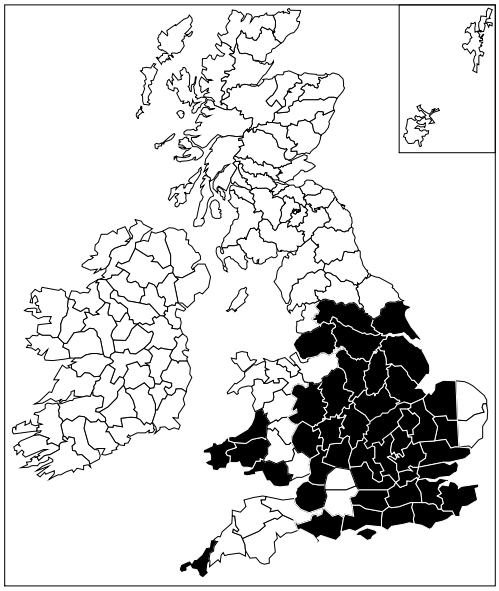
First report. D&S1865 as *Sthenarus Rotermundi*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden, roadside, urban areas, marsh, lane, brownfield site. Taken from white poplar, *Populus alba* (n), grey poplar (*Populus canescens*) (n), *Populus nigra*, willows. Taken by beating, light trap. Predating on aphid *Chaitophorus populialbae*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May	N					
June		N	2		1	1
July	3	1	2	2	2	1
August	7	1	1	2	2	2
September			1			
October						
November						
December						

***Strongylocoris leucocephalus* (Linnaeus) (Miridae)**

Common name. The Down Stout Plantbug.

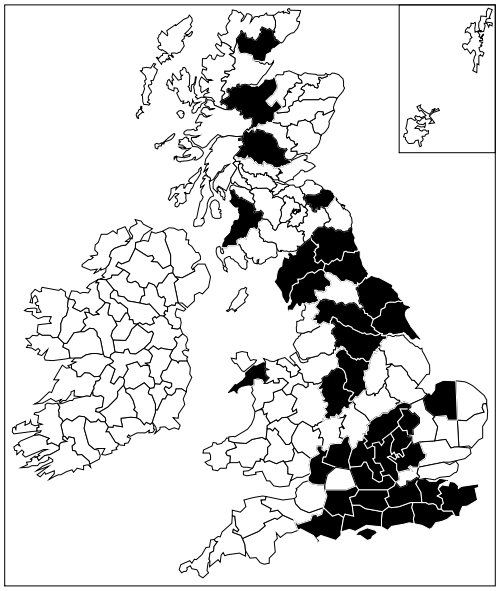
First report. D&S1865 as *Stiphrosoma leucocephala*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from short grass on the tops of the cliffs, short grass on chalk, chalk escarpment (n), chalk downland, grassland, very short downland turf. Taken from *Galium verum*, bedstraw (*Galium erectum*) growing on old ant-hillocks (n), flowers of *Vicia cracca*, dwarf furze. Taken by sweeping, vacuum sampling. Running amongst the crowns of Common Rockrose (*Helianthemum chamaecistus*), nymphs reared to adult on this plant.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May					1	N
June	2	2	2	5 N	2	1
July	1	1	3		2	1
August	1					
September						
October						
November						
December						

***Strongylocoris luridus* (Fallén) (Miridae)**

Common name. The Sheepsbit Stout Plantbug.

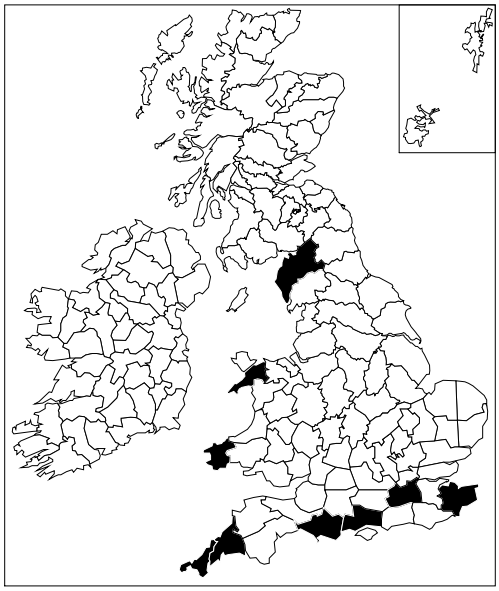
First report. EMM4:265-271 as *Stiphrosoma lurida*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from cliff tops, old walls, shingle, sand dunes, amongst a mixture of nettles, docks, and lady ferns. Taken from sheep's-bit (*Jasione montana*) (n).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June		2 N	1	1		1
July	1		2		1	
August		1		1		
September						
October						
November						
December						

No habitus images are available.

***Systellonotus triguttatus* (Linnaeus) (Miridae)**

Common name. The Ant Running Plantbug.

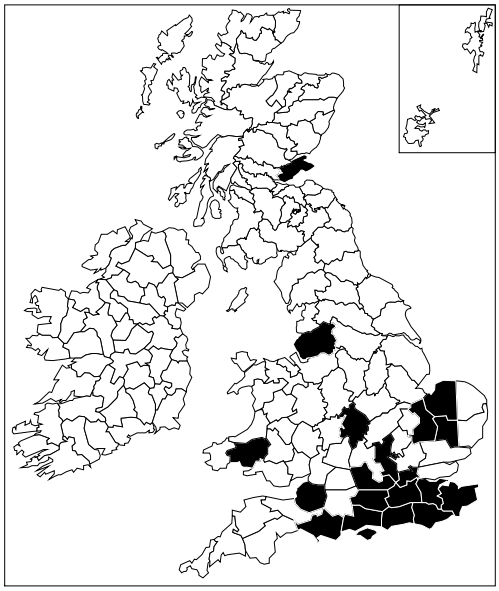
First report. D&S1865 as *Systellonotus triguttatus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from rosettes growing out of old tarmac areas, on ground in a chalk pit, gravel mound (n), margins of old runways, running among debris in shallow rabbits' scratchings in a sandy bank (n), running on a heath between patches of *Calluna*, sandhills, running on a hillock covered with *Hieracium pilosella*, running on bare ground in a disused sand-pit (n), underneath *Echium vulgare* on chalk (n), old fire site, vegetated shingle. Taken from beneath *Erodium cicutarium*, by a stream, downs, running with *Formica fusca* (n) under a branch of broom lying close to bare ground. Taken by sweeping, suction sampling (n). Associated with black ant (*Lasius niger*) (n), both adults and nymphs observed entering the nests. In the company of T*etramorium caespitum, A. (D.) niger* and *Gonatopus pilosus*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						1 N
June		5 N	1	1 N	2	3
July		2		4 N		2
August	1				2	
September	1 N					
October						
November						
December						

No habitus images are available.

***Teratocoris antennatus* (Boheman) (Miridae)**

Common name. The Southern Marsh Plantbug.

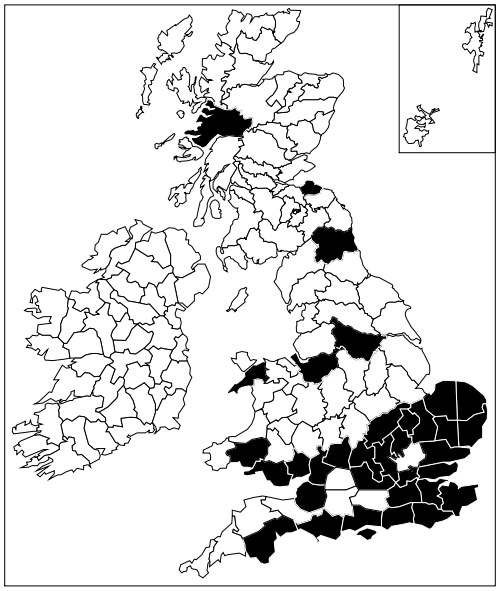
First report. EMM2:217-220 as *Teratocoris dorsalis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marsh (n), dyke, sand dunes (n), salterns, by a pond, bank of a river. Taken from *Scirpus maritimus* (n), sea clubrush, roots of rushes, roots of *Psamma arenaria*, *Juncus* tufts, reed-bed (n), very dry place under *Ammophila*, sedges, Reed Canary Grass (*Phalaris arundinacea*). Taken by sweeping, beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May	1					
June			1		N	
July	1				1	2
August			1	1 N	1	
September	2		1	1		
October						
November						
December						

***Teratocoris caricis* Kirkaldy (Miridae)**

Common name. The Scarce Marsh Plantbug.

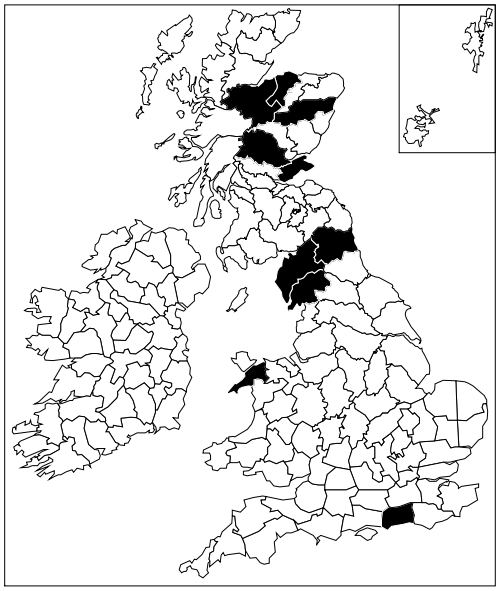
First report. Ent100:229-237 as *Teratocoris elegans*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marsh, mixed marsh vegetation round a pond, margin of a lake. Taken from pure stands of *Carex acuta*. Taken by sweeping.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1			
July		1	1	1	1	2
August						
September						
October						
November						
December						

No habitus images are available.

***Teratocoris saundersi* Douglas & Scott (Miridae)**

Common name. The Common Marsh Plantbug.

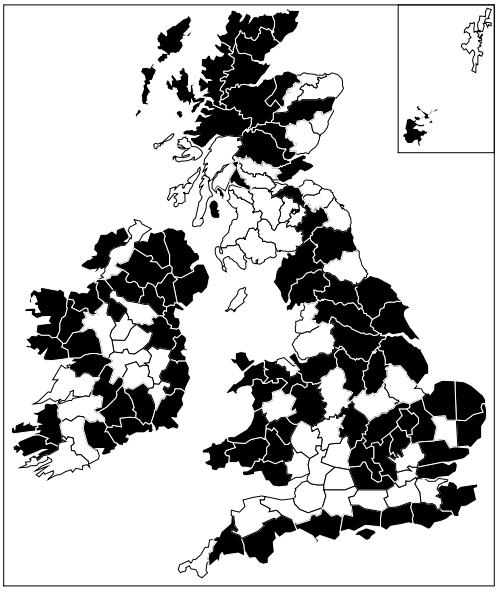
First report. EMM5:259-268 as *Teratocoris Saundersi*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from saltmarsh, sand-dunes (n), brackish swamp, marshy area (n), lake shore, fells, banks of a river, sheep-grazed upland pasture, wet grassland. Taken from reeds, rushes, *Juncus compressus*, long grass, roots of marram-grass, sedges, pure stands of *Carex rostrata* (n), *Scirpus maritimus*, running up and down stems of marram (*Ammophila arenaria*). Taken by sweeping, at light.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June		1			1	
July	1		1	2	1	1
August	1	1	1	1		1
September		2				
October						
November						
December						

No habitus images are available.

***Teratocoris viridis* Douglas & Scott (Miridae)**

Common name. The Upland Marsh Plantbug.

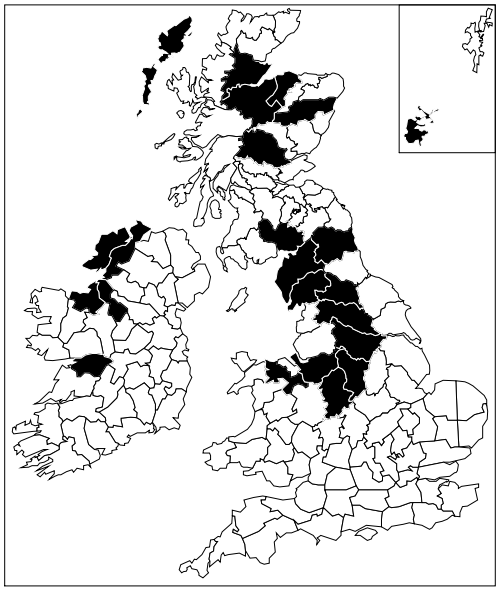
First report. EMM4:45-52 as *Teratocoris viridis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from valley bog, marsh, lake shore, banks of a river, moorlands at 1500 ft, sheep-grazed upland pasture, streamside vegetation up to 2500ft. Taken from belt of cottongrass (*Eriophorum*) growing around a pond, *Juncus effusus* beds, moss, rushes (*Carex*). Taken by sweeping.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					1	
July			1	2	1	1
August	2					
September		1				
October						
November						
December						

No habitus images are available.

***Tinicephalus hortulanus* (Meyer-Dür) (Miridae)**

Common name. The Rockrose Plantbug.

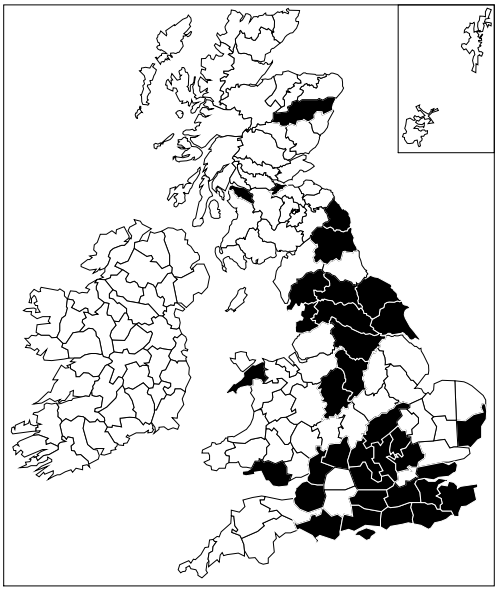
First report. D&S1865 as *Oncotylus tanaceti*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from chalk grassland, woodland, limestone ridge, hedge bank. Taken from rock-rose (*Helianthemum chamaecistus*) (n), *Helianthemum vulgare*, gorse (*Ulex*), bramble bushes, *Ononis*. Taken by sweeping, beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June		1 N	2	1		2
July		5 N	2	2		
August						
September				1		
October						
November						
December						

***Trigonotylus caelestialium* (Kirkaldy) (Miridae)**

Common name. The Slender Red-horned Plantbug.

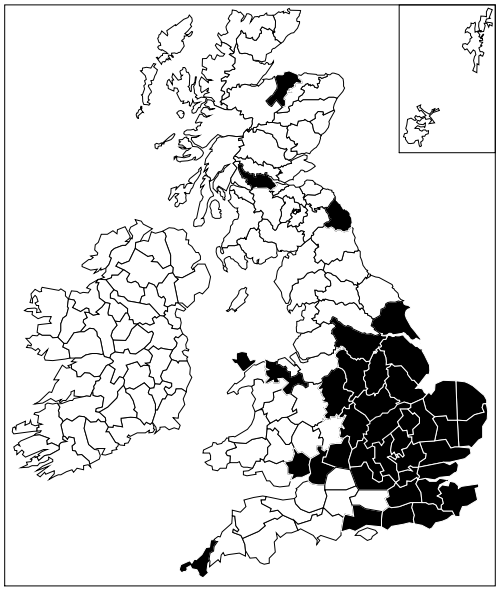
First report. EMM128:11-14 as *Trigonotylus caelestialium*.

Ambiguities. None reported.

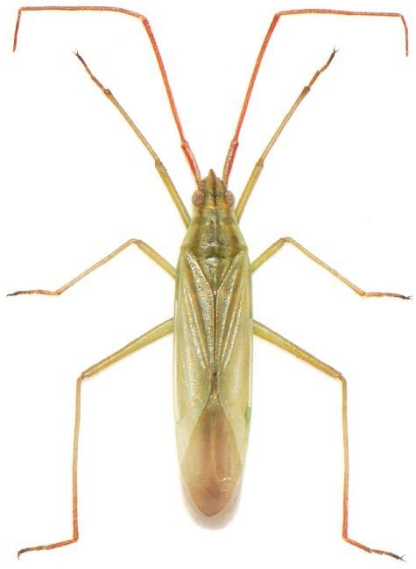
Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from sea wall, airfield runway, disturbed areas, dung heap by a roadside, waste ground, estuary bank, perimeter of lake, chalk hills, cliff edges, grassy trackside, river shore, tall saltmarsh grassland along an estuary. Taken from *Lolium perenne*, *Matricaria*, at the roots of plants. Taken by sweeping, at light.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1		1	4
July		1		2		
August	2	9	3	1		2
September	1	1			1	1
October						
November						
December						



***Trigonotylus psammaecolor* Reuter (Miridae)**

Common name. The Coastal Red-horned Plantbug.

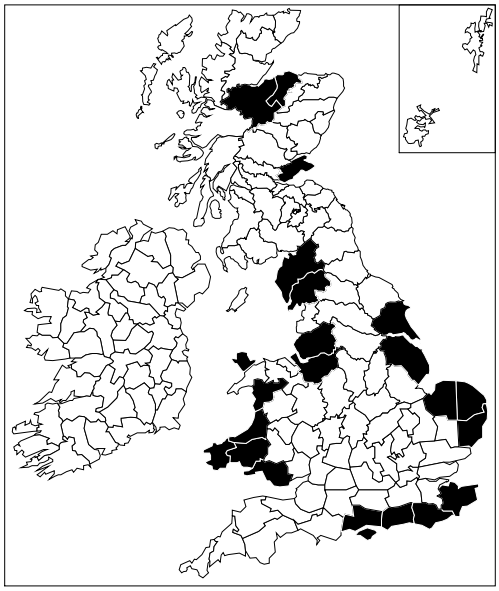
First report. EMM29:110-111 as *Trigonotylus brevipes*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from coast, seaward margin of burrows, sand dunes, inland sand workings. Taken from flowers of Sea Spurge (*Euphorbia paralias*), Sand Couch Grass (*Agropyron junceiforme*), Marram grass, *Psamma*, *Ammophila arenaria*, *Ononis-Ammophila*. Taken by sweeping.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1		1	1
July	1					
August	1		1		1	
September						
October						
November						
December						

No habitus images are available.

***Trigonotylus ruficornis* (Geoffroy) (Miridae)**

Common name. The Common Red-horned Plantbug.

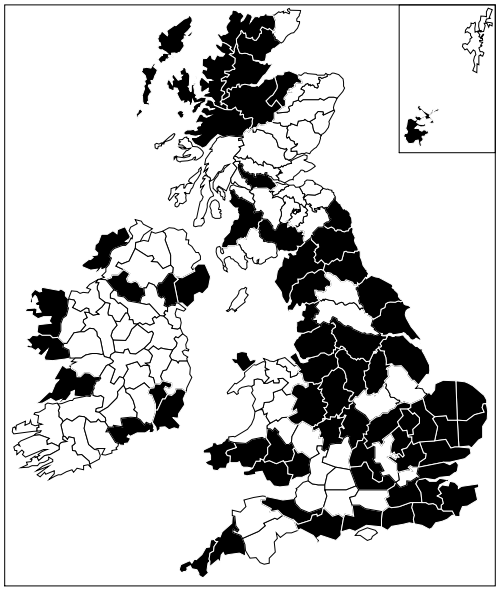
First report. D&S1865 as *Miris ruficornis*.

Ambiguities. Prior to EMM128:11-14 records may refer to *Trigonotylus caelestialium* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from arable fields, unimproved grassland, perimeter of lake, perimeter of quarry, river shore, saltmarsh, dismantled railway line. Taken by sweeping, at light.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1	2	9	5
July	2	5	4	4	2	2
August	2	6	4	2	2	
September					1	
October						
November						
December						

***Tropidosteptes pacificus* (Van Duzee) (Miridae)**

Common name. The Pale Ash Plantbug.

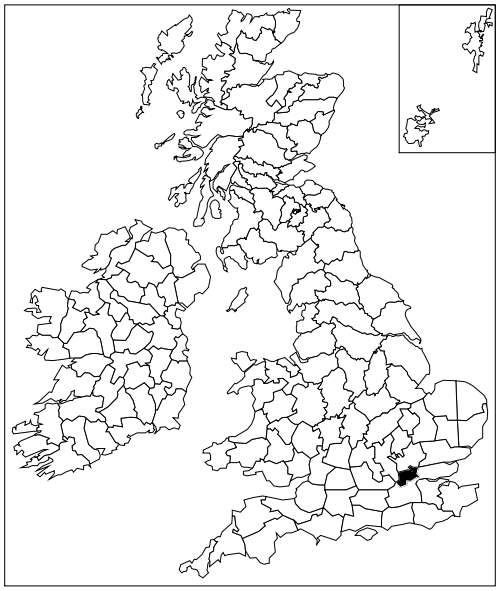
First report. HN19/20:9 as *Tropidosteptes pacificus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Taken from Ash (*Fraxinus excelsior*). Taken by sweeping, Malaise trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1			
July						
August						
September				1		
October						
November						
December						

No habitus images are available.

***Tupiocoris rhododendri* (Dolling) (Miridae)**

Common name. The Rhododendron Plantbug.

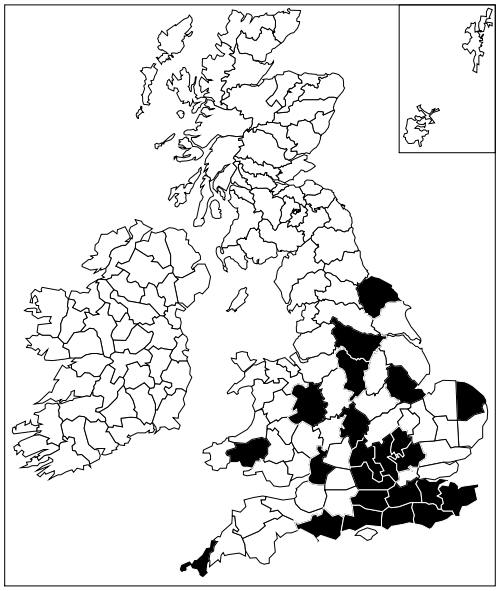
First report. EMM107:244-245 as *Dicyphus rhododendri*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from cemetery, garden, park. Taken from *Rhododendron* (n), fruits and withering flowers of *Rhododendron ponticum*, developing seed heads of rhododendrons. Taken by beating. Seen feeding on the aphid *Masonaphis*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1		N	2
July	2 N	3			1	4
August	2	2				
September						
October						
November						
December						

***Tuponia brevirostris* Reuter (Miridae)**

Common name. The Dark-green Tamarisk Plantbug.

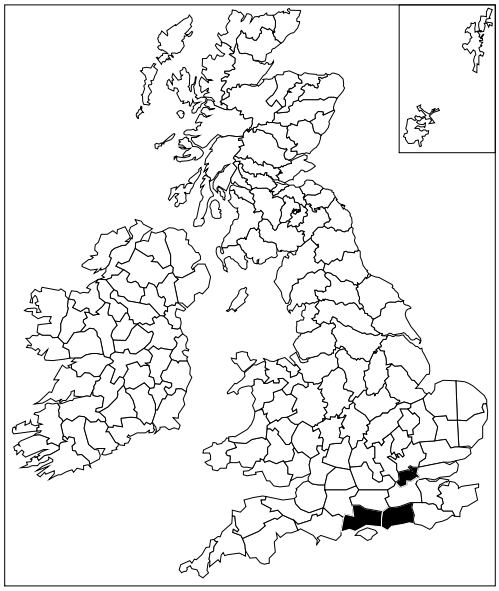
First report. EMM139:176-177 as *Tuponia brevirostris*.

Ambiguities. Records prior to Hem6:223-229 may refer to *Tuponia hippophaes* [Hem6:223-229].

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from between a car park and a beach. Taken from tamarisk. Taken by beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July				1		
August	1		1	1	1	
September						
October						
November						
December						

No habitus images are available.

***Tuponia hippophaes* (Fieber) (Miridae)**

Common name. The Light-green Tamarisk Plantbug.

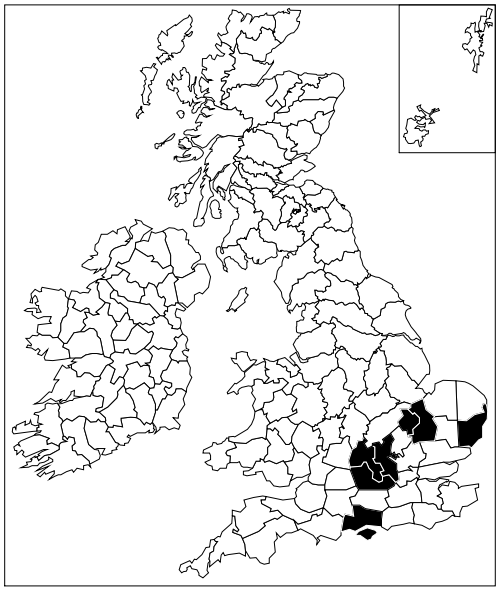
First report. Hem6:223-229 as *Tuponia hippophaes*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from car park, near the sea. Taken from tamarisk. Taken by sweeping, beating.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					1	
July	1	5	3	1	1	1
August	1		1	1		
September	2					
October						1
November						
December						

***Tuponia mixticolor* (A. Costa) (Miridae)**

Common name. The Brown Tamarisk Plantbug.

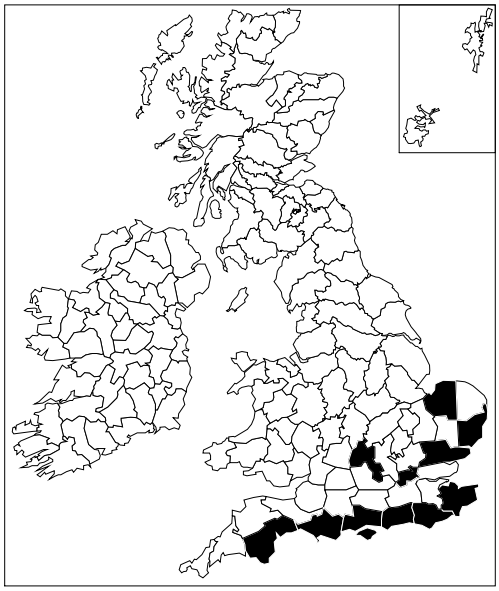
First report. EMM116:83-84 as *Tuponia carayoni*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from garden, near the sea (n), car park, base of a cliff, on coastal cliffs, between beach and car park, dunes. Taken from tamarisk (*Tamarix*) (n), *Tamarix gallica*. Taken by sweeping, beating, light trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			1		1	1
July	1	1	2	1		1
August		1	3	2	1	3 N
September	2					3
October		1			1	
November						
December						

***Tytthus pubescens* (Knight) (Miridae)**

Common name. The Scarce Rush Plantbug.

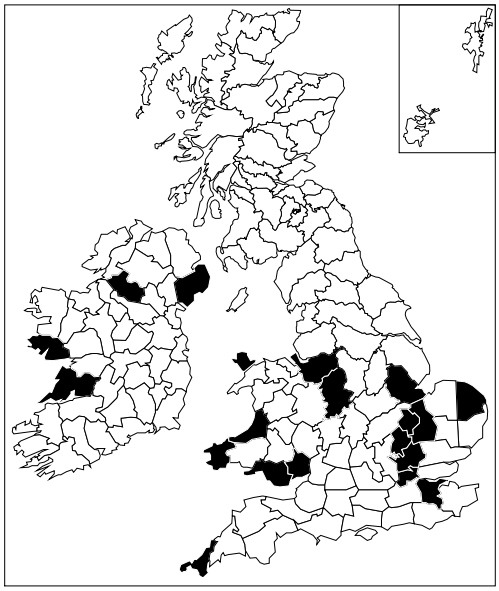
First report. EMM46:29 as *Cyrtorrhinus geminus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from swamp, edge of a pond, rush-dominated areas on wetlands. Taken from clump of rushes, *Juncus* tufts. Taken by pressing sedge below the surface of water.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July					1	
August	1					
September				1		
October						
November						
December						

No habitus images are available.

***Tytthus pygmaeus* (Zetterstedt) (Miridae)**

Common name. The Common Rush Plantbug.

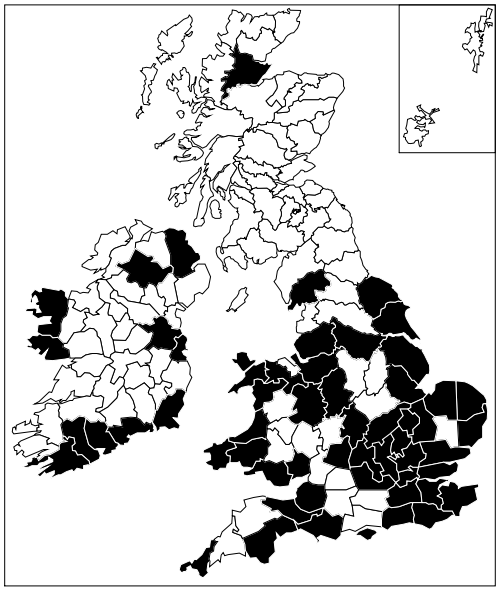
First report. EMM2:246-249 as *Tytthus insignis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshes, damp meadow, sand hills (n), marshy strip between two arable fields, estuary, banks of a river. Taken from roots of reeds, rushes and thick clumps of grass (n), *Juncus* tufts, at the base of *Deschampsia caespitosa*, *Ammophila arenaria*. Taken by sweeping, suction sampling. In *Juncus* plots. Eggs laid in *Juncus* stems. Overwinters as an egg, some eggs falling into the basal litter layer. In culture, adults feed on eggs of *Conomelus anceps* (Delphacidae). In the absence of eggs, will feed on first and second instar *Conomelus* nymphs. *Tytthus* nymphs cannot be reared to adult on *Juncus* stems alone.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					2	2
July		2	1	2 N	5 N	2
August	4	3	1		2	
September	2	1	2			
October						
November						
December						

No habitus images are available.

***Zygimus nigriceps* (Fallén) (Miridae)**

Common name. The Scottish Juniper Plantbug.

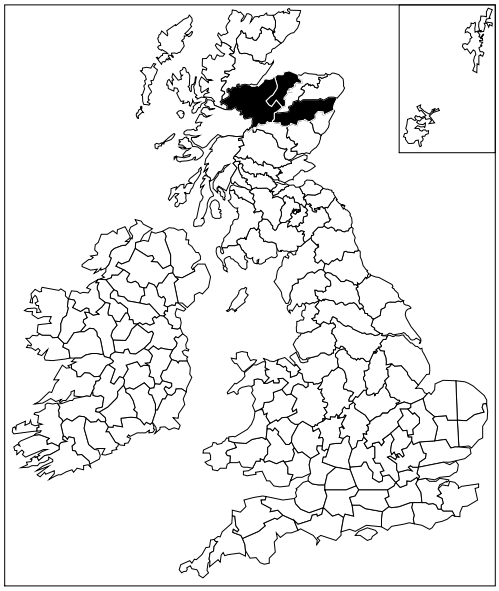
First report. EMM94:171-172 as *Zygimus nigriceps*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from shrubby junipers (*Juniperus communis*) in *Nardus* pasture at 1300ft. Taken from Juniper (n), junipers close to ancient pines. Taken by beating Scots pine in a natural Scots pine forest.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July		1				2
August		1		1		
September	1					
October						
November						
December						

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (25) THE FAMILY CERATOCOMBIDAE

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Introduction

This is the 25th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Ceratocombidae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Ceratocombus coleoptratus (Zetterstedt) (Ceratocombidae)

08E: 24 August 1972 [Tentsmuir Point NNR, Tayport, Fife. Males (brachypters), females (macropter and brachypter) and nymphs. EMM108:247]

08F: 31 August 1962 [Bald Hill, Oxfordshire. EMM98:207] 28 August 1925 [Lough Leane near Ross Castle, Killarney, North Kerry. Brachypters. IrelandHets] 28 August 1904 [Oxshott Heath, Surrey. Macropters and brachypters. LondonHets]

09A: 4 September 1925 [Kenmare Demesne, North Kerry. IrelandHets]

09B: 9 September 1906 [Bournemouth. AntGuests] 9 September 1964 [Near Hurley, Berkshire. EMM100:153]

09D: 19 September 1951 [Esher Common, Surrey. LondonHets] 17 September 1958 [Near Black Pond, Esher Common, Surrey. LondonHets] 16 September 1950 [Oxshott Heath, Surrey. LondonHets] 17 September 2015 [TL78, VC26. Hem5:190]

09F: 30 September 2013 [Ling Common, North Wootton, VC28. Hem4:39]

10A: 1 October 1926 [Muckross Demesne, North Kerry. IrelandHets] 4 October 1953 [Westerham, Kent. LondonHets]

10F: 26 October 1988 [Wem Moss, VC40. Hem5:157]

Detailed records

Ceratocombus coleoptratus (Zetterstedt) (Ceratocombidae)
In a Tullgren funnel, from moss, etc. from a damp dune slack [Tentsmuir Point NNR, Tayport, Fife. 24 August 1972. Males (brachypters), females (macropter and brachypter) and nymphs. EMM108:247]
In moss on a chalk escarpment [Bald Hill, Oxfordshire. 31 August 1962. EMM98:207]
Under flood refuse on shore of a lough [Lough Leane near Ross Castle, Killarney, North Kerry. 28 August 1925. Brachypters. IrelandHets]
On moss on a stump [Oxshott Heath, Surrey. 28 August 1904. Macropters and brachypters. LondonHets]
Among moss and leaf refuse in a marshy place [Kenmare Demesne, North Kerry. 4 September 1925. IrelandHets]
In a nest of *Formica exsecta* [Bournemouth. 9 September 1906. AntGuests]
In damp moss on chalk in a chalk pit [Near Hurley, Berkshire. 9 September 1964. EMM100:153]
At roots of ling [Esher Common, Surrey. 19 September 1951. LondonHets]
In damp moss in woodland [Near Black Pond, Esher Common, Surrey. 17 September 1958. LondonHets]
In thick moss under trees [Westerham, Kent. 4 October 1953. LondonHets]
In areas of very longest grassland [Barnsley Warren, Gloucestershire. GloucsHets]
Moss and dead leaves [Chobham. Saunders1892]
Dead leaves [Colchester, North Essex. TSBE9:151-195]
Among moss on the ground [Ditchingham, Norfolk. August. D&S1865]
Hills [Ewhurst, Surrey. August 1896. Macropter. LondonHets]
On *Mentha* in a damp meadow [Foxhall, Suffolk. August. SuffolkHets]
In moss under heath [Hurst Green, Battle, Bexhill. Saunders1892]
On the underside of bark lying on the ground in a damp place [Matlock. 1881. EMM18:113]
Under bark [Matlock. Saunders1892]
Shaken from wet moss growing under *Salix repens* amongst sandhills [Merthyrmawr, Glamorgan. 1959/1960. EMM96:214]
From mosses [Near Battle, East Sussex. August 1881. EMM18:113]
Under stones [Near Forres, Morayshire, VC95. Summer 1877. EMM14:165-167]
In moss at roots of Calluna [Near Hurst Green, Sussex. August 1882. EMM19:115-116]
In moss [New Forest. July/August 1919. EMM55:209]
Dead leaves [New Forest, South Hampshire. TSBE9:151-195]
Moles' nests near river [Newbury, Berkshire. TSBE9:151-195]
Bred out of a *F. fusca* nest [Porlock. 1 February 1908. Stage uncertain. AntGuests]
In leaf litter of ash-oak wood on limestone [Sizergh, Westmorland. June/July 1954. Adult. TSBE15:117-134]

Bibliography

Ceratocombus coleoptratus (Zetterstedt) (Ceratocombidae)
as *C. coleoptrata* EMM81:253-273, EMM82:94-95
as *Cer. coleoptratus* EMM91:7-27
as *Ceratocombus coleoptrata* BJENH25:205-215, EG20:125-135, PTSLENHS1962:123-183, S&L1959, TSBE9:151-195
as *Ceratocombus coleoptratus* AntGuests, BJENH25:205-215, Butler1923, EMM100:153, EMM108:247, EMM11:184-186, EMM14:165-167, EMM18:113, EMM18:113, EMM19:115-116, EMM55:209, EMM60:39, EMM69:234-245, EMM84:125-127, EMM96:214, EMM98:207, Ent37:329, GloucsHets, HantsHets, Hem1:100, Hem1:11, Hem1:58, Hem1:59, Hem2:18, Hem2:37, Hem2:43, Hem3:10, Hem3:34, Hem3:35, Hem3:47, Hem3:80, Hem4:108, Hem4:11, Hem4:138, Hem4:34, Hem4:39, Hem4:46, Hem4:77, Hem4:92, Hem5:10, Hem5:110, Hem5:137, Hem5:157, Hem5:169, Hem5:190, Hem5:198, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem6:175, HN11:16, HN17/18:25, HN6:2, HSGN14:7, IrelandHets,

LondonHets, PSLENHS1904:76, Saunders1892, SuffolkHets, Synopsis1875, TSBE1:51-84, TSBE11:245-280, TSBE15:117-134
as *Ceratocombus muscorum* D&S1865, EMM11:184-186

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively. Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Ceratocombus coleoptratus* (Zetterstedt) (Ceratocombidae)**

Common name. The Cryptic Drinkerbug.

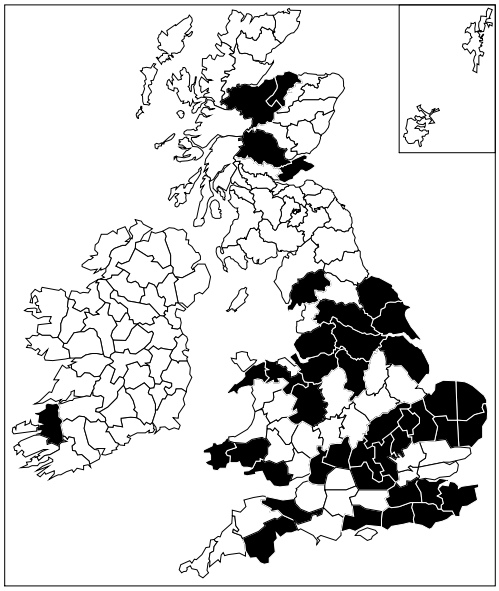
First report. D&S1865 as *Ceratocombus muscorum*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshy place, damp dune slack (n), grassland, woodland, chalk in a chalk pit, ash-oak wood on limestone, chalk escarpment. Taken from moss (n), leaf litter, roots of ling, moles' nests near river, on *Mentha* in a damp meadow, on a stump, under bark, under stones, flood refuse on shore of a lough. Taken by shaking moss, Tullgren funnel (n). In a nest of *Formica exsecta*. Bred out of a *F. fusca* nest (w).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July						
August					1 N	3
September	1	2		4		1
October	2					1
November						
December						

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (26) THE FAMILY DIPSOCORIDAE

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Introduction

This is the 26th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Dipsocoridae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Cryptostemma alienum Herrich-Schaeffer (Dipsocoridae)
- 04F: 28 April 1894 [River Dodder, Tallaght, Co Dublin. Adult and nymph. IrelandHets]
- 05C: 12 May 1854 [Firhouse, Co Dublin. IrelandHets]
- 05D: 20 May 1962 [Near Penybont, Montgomeryshire. EMM98:207]
- 07A: 4 July 1953 [Ribble Head, VC64. Adults and nymphs. EMM90:115-117]
- 08D: 19 August 1937 [River Teign above Newton Abbot, South Devon. TSBE6:149-180]
- 08F: 29 August 1927 [Dargle River, Powerscourt Deerpark, Wicklow. IrelandHets]
- 09C: 13 September 1984 [New Forest, South Hampshire. PTBENHS18:20]

Pachycoleus waltli Fieber (Dipsocoridae)
- 03A: 1 March 1930 [Ardagh, North Kerry. Macropters and brachypters. IrelandHets]
- 03C: 13 March 1932 [Muckross, North Kerry. IrelandHets]
- 03F: 31 March 1929 [Muckross, North Kerry. IrelandHets] 31 March 2016 [Wicken Fen, VC29. Hem4:145]
- 04A: 1 April 1991 [Bredon Hill, Worcestershire. EMM141:166] 3 April 1926 [Cothill, near Abingdon, Berkshire. EMM62:116-117] 5 April 2000 [Red Wharf Bay, VC52. HN23:12]
- 04B: 10 April 1931 [Dinis Island, North Kerry. IrelandHets]
- 04F: 28 April 1996 [Sutton Heath & Bog, Northamptonshire. BJENH10:177-178]
- 05A: 4 May 1958 [Godalming, Surrey. Male and females. EMM94:240]
- 05C: 15 May 1960 [Thursley, Surrey. Ent93:254]

05D: 17 May 2009 [Brassey Mire NR, VC33. HN16:12]
05E: 24 May 1979 [Catfield, Norfolk. EMM118:194]
06E: 24 June 1913 [New Forest. Adults. EMM49:187-188]
07E: 25 July 1999 [Edge of Pandy Pools, VC52. HN23:12]
09A: 4 September 2002 [Northhouse Burn, VC80. BJENH29:143]

Detailed records

Cryptostemma alienum Herrich-Schaeffer (Dipsocoridae)
Among wet sand and gravel in the bed of a river [River Dodder, Tallaght, Co Dublin. 28 April 1894. Adult and nymph. IrelandHets]
Among moist gravel [Firhouse, Co Dublin. 12 May 1854. IrelandHets]
Under stones beside stream [Near Penybont, Montgomeryshire. 20 May 1962. EMM98:207]
Turning over stones on a silty base alongside a river. Helpless when put on the surface of water, and unable to walk upon it [Ribble Head, VC64. 4 July 1953. Adults and nymphs. EMM90:115-117]
Among the stones close to the water's edge on a large shingle-bank of a river [River Teign above Newton Abbot, South Devon. 19 August 1937. TSBE6:149-180]
Bed of a river [Dargle River, Powerscourt Deerpark, Wicklow. 29 August 1927. IrelandHets]
From shingle beside a stream [New Forest, South Hampshire. 13 September 1984. PTBENHS18:20]
At the edge of a mountain-stream [Bettws-y-Coed, N. Wales. D&S1865]
On the banks of a rivulet near a lake [Black Lakes, Kerry, Ireland. August. D&S1865]
Amongst gravel or stones on firm, non-muddy silt at the margins of fast, upland streams [British Isles. S&L1959]
In shingle [Christow, Lynmouth. August/September 1907. EMM44:32-34]
Beside rapid streams draining moors [Devon. S&L1959]
Amongst stones on the margin of a brook [Dowle's Brook, Bewdley Forest. July 1881. EMM18:113]
Among gravel of hill burns [Hilly district round Wooler, Northumberland. 1870. EMM7:182-184]
Under flat stones lying on banks of sand by the side of moorland streams [Isle of Rhum, Inner Hebrides. May/June 1960. Adults and nymphs. EMM96:144]
On stream-sides [Isle of Rhum, Inner Hebrides. 1960-1963. TSBE18:91-167]
Wet shingle on banks of streams [Loch Rannoch, North Perthshire. July 1921. TSBE9:151-195]
Banks of a rivulet [Near the Black lakes, Gap of Dunloe, North Kerry. IrelandHets]
On the banks of streams [New Forest. July/August 1919. EMM55:209]
At the gravelly margins of small rivers [New Forest. S&L1959]
Wet shingle on banks of streams [New Forest, South Hampshire. TSBE9:151-195]
River banks [River Almond, near Edinburgh. May. D&S1865]
On the banks of a river [River Derwent, near Winlaton Mill, Co Durham. ERJV20:305]
Banks of a river [River Dodder at Templeogue, Co Dublin. IrelandHets]
On shingle on river banks [River Gwili, Carmarthenshire. March. Adult and nymphs. EMM48:187-189]
In flood refuse at the mouth of a river [River Kirtle, Dumfriesshire. June 1934. EMM71:164]
On the banks of a river [River Otter, Devon. July/August 1916. EMM53:14-15]
On the banks of a river [River Till, Northumberland. ERJV20:305]
Amongst shingle by the banks of a stream [Tarset Burr, Tarset, North Tyne, Northumberland. ERJV20:305]
Amongst shingle on the banks of a river [Watersmeet, Lynmouth. EMM44:8-9]

Pachycoleus waltli Fieber (Dipsocoridae)
In flood refuse [Ardagh, North Kerry. 1 March 1930. Macropters and brachypters. IrelandHets]
In moist *Sphagnum* [Muckross, North Kerry. 13 March 1932. IrelandHets]
In moist *Sphagnum* [Muckross, North Kerry. 31 March 1929. IrelandHets]
On wet calcareous flushed peat [Bredon Hill, Worcestershire. 1 April 1991. EMM141:166]

Saltmarsh behind beach [Red Wharf Bay, VC52. 5 April 2000. HN23:12]
In *Sphagnum* [Dinis Island, North Kerry. 10 April 1931. IrelandHets]
In *Hypnum* moss [Godalming, Surrey. 4 May 1958. Male and females. EMM94:240]
From moss growing in association with *Caltha palustris* (Marsh Marigold) in a sunny position, which was dried under a lamp and sifted [Thursley, Surrey. 15 May 1960. Ent93:254]
Peeling moss off stones at the edge of a spring-fed channel [Brassey Mire NR, VC33. 17 May 2009. HN16:12]
Among old, damp, sedge litter in a fen [Catfield, Norfolk. 24 May 1979. EMM118:194]
In wet moss beside a stream [New Forest. 24 June 1913. Adults. EMM49:187-188]
Moss lawn [Edge of Pandy Pools, VC52. 25 July 1999. HN23:12]
From moss by a burn [Northhouse Burn, VC80. 4 September 2002. BJENH29:143]
Adults overwinter and become active in April. Fourth instar nymphs occur from late August to early September, when adults first appear [Bredon Hill, Worcestershire. EMM141:166]
Very wet moss on cliffs [Charmouth, Dorset. TSBE9:151-195]
In damp moss [Cothill, near Abingdon, Berkshire. March 1925. EMM62:116-117]
Shaken from sphagnum moss submerged by water in bogs [Emery Down, Matley Bog and Matley Passage, New Forest. Spring and autumn. Adults and nymphs, macropters and brachypters. EMM95:28]
From moss growing in association with *Caltha palustris* (Marsh Marigold) in a sunny position, which was dried under a lamp and sifted [Godalming, Surrey. Ent93:254]
Shaken out of moss from a streamlet in a wood. Seen leaping on the collecting sheet [Loddiswell, South Devon. EMM44:42]
Shaken from moss in a swampy wood [Near Dawlish, Devon. March 1907. EMM44:8-9]
In a bog [Near Emery Down, New Forest, Hampshire. Macropter. PTSLENHS1965:13]
From sphagnum from the middle of a bog, which had been wrung to remove water and sifted on a sheet. Nymphs were fed on Rose Thrips [New Forest. Brachypters, macropters and nymphs. Ent93:254]
In damp *Sphagnum* [New Forest. September 1928. EMM65:91-93]
In moss [New Forest. July/August 1919. EMM55:209]
In *Sphagnum* [New Forest. Whitsun 1934. EMM71:113-114]
Moss [New Forest, South Hampshire. TSBE9:151-195]

Bibliography

Cryptostemma alienum Herrich-Schaeffer (Dipsocoridae)
as *C. alienum* EMM81:253-273
as *Crypt. alienum* EMM91:7-27
as *Cryptostema alienum* BJENH1:183-184
as *Cryptostemma aliena* EMM18:113
as *Cryptostemma alienum* Butler1923, EMM14:165-167, EMM14:186-187, EMM29:92-93, EMM44:32-34, EMM44:8-9, EMM48:187-189, EMM53:14-15, EMM55:209, EMM69:234-245, EMM71:164, EMM84:125-127, EMM90:115-117, EMM96:144, EMM98:207, Ent87:45-53, ERJV20:305, ERJV51:160-161, HantsHets, Hem1:100, Hem1:12, Hem1:58, Hem1:59, Hem2:44, Hem3:10, Hem3:34, Hem3:35, Hem3:47, Hem4:11, Hem4:77, Hem4:92, Hem5:10, Hem5:111, Hem5:125, Hem5:141, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem6:176, HN17/18:25, HN9:5, HSGN1:16, HSGN1:18, HSGN10:12, HSGN11:6, HSGN12:13, HSGN14:7, HSGN6:3, IrelandHets, PTBENHS18:20, PTSLENHS1956:111-136, S&L1959, Saunders1892, Synopsis1875, TRESL103:171-218, TRESL92:417-452, TSBE18:91-167, TSBE6:149-180, TSBE8:169-230, TSBE9:151-195
as *Dipsocoris alienum* D&S1865
as *Dipsocoris alienus* EMM7:182-184

Pachycoleus waltli Fieber (Dipsocoridae)
as *Cryptostemma waltli* BJENH25:205-215, BJENH26:209-210, BJENH29:143, HN16:12, HN9:5, HN9:6

as *P. rufescens* EMM81:253-273
as *Pachy. rufescens* EMM91:7-27
as *Pachycoleus rufescens* BJENH25:205-215, Butler1923, EMM118:194, EMM44:42, EMM44:8-9, EMM49:187-188, EMM55:209, EMM62:116-117, EMM65:91-93, EMM71:113-114, EMM94:240, EMM95:28, Ent93:254, HantsHets, HSGN1:5, IrelandHets, PTSLENHS1960:18, PTSLENHS1960:78-79, PTSLENHS1965:13, S&L1959, TRESL92:417-452, TSBE9:151-195
as *Pachycoleus waltli* BJENH10:177-178, BJENH26:209-210, EMM118:194, EMM141:166, EMM44:8-9, EMM94:240, EMM95:28, Hem1:100, Hem1:12, Hem1:58, Hem1:59, Hem2:37, Hem2:43, Hem2:44, Hem3:10, Hem3:34, Hem3:35, Hem3:47, Hem4:11, Hem4:128, Hem4:145, Hem4:34, Hem4:77, Hem5:10, Hem5:111, Hem5:125, Hem5:137, Hem5:153, Hem5:169, Hem5:198, Hem5:65, Hem6:176, HN23:12, HSGN12:8, HSGN14:7, HSGN4:A10, HSGN8:10, LondonHets
as *Pachycoleus waltlii* LondonHets

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively. Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Cryptostemma alienum* Herrich-Schaeffer (Dipsocoridae)**

Common name. The Gravel Drinkerbug.

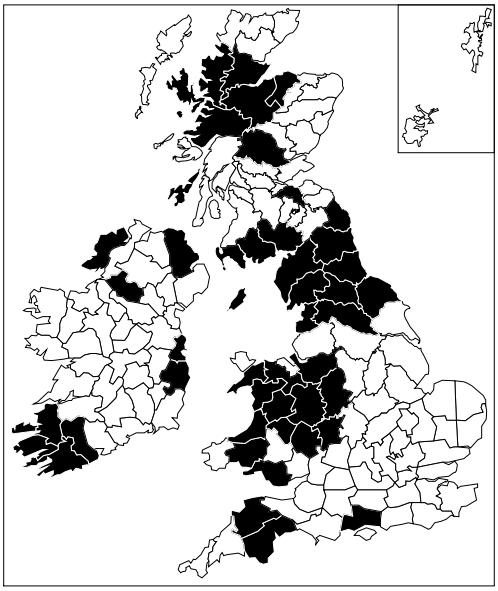
First report. D&S1865 as *Dipsocoris alienum*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from hills, moors (n). Taken from amongst gravel/shingle/stones on banks/margins/bed of rivers/brooks/streams/burns (n), flood refuse at the mouth of a river. Helpless when put on the surface of water, and unable to walk upon it (n).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						1 N
May			1	1		
June						
July	1 N					
August				1		1
September			1			
October						
November						
December						

No habitus images are available.

***Pachycoleus waltli* Fieber (Dipsocoridae)**

Common name. The Spagnum Drinkerbug.

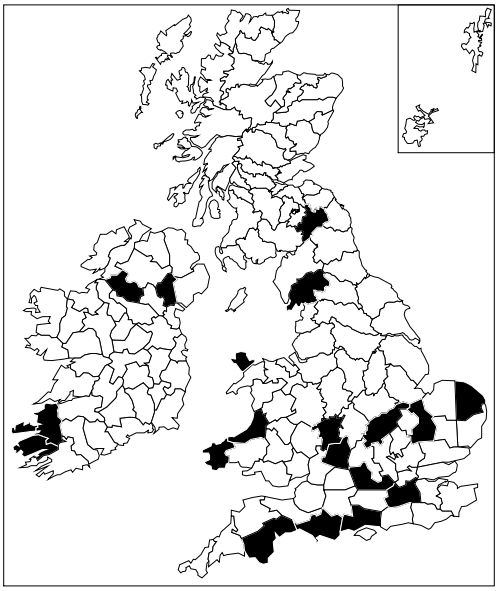
First report. EMM44:8-9 as *Pachycoleus rufescens*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from fen, bog (n), stream, burn, saltmarsh behind beach, swampy wood (w), cliffs. Taken from *Sphagnum* (n, w), moss (w), sedge litter, flood refuse (w), wet calcareous flushed peat. Taken by shaking moss (n, w), sifting moss dried under a lamp, sifting *Sphagnum* wrung to remove water (n), peeling moss off stones at the edge of a spring-fed channel. Adults overwinter and become active in April; fourth instar nymphs occur from late August to early September, when adults first appear. Seen leaping on a collecting sheet.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March	1		1			2
April	3	1				1
May	1		1	1	1	
June					1	
July					1	
August						
September	1					
October						
November						
December						

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (27) THE FAMILY SALDIDAE

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Introduction

This is the 27th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Saldidae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Chartoscirta cincta (Herrich-Schaeffer) (Saldidae)

04B: 9 April 1969 [Blackheath, Kent. LondonHets] 6 April 1963 [Ruxley Gravel Pit, Kent. LondonHets]
04C: 15 April 1938 [Bricket Wood, Hertfordshire. LondonHets] 12 April 1964 [Guildford, Surrey. LondonHets]
04D: 17 April 1936 [Croft Park, Herefordshire. TSBE6:149-180] 20 April 1900 [Lee, Kent. LondonHets] 18 April 1944 [Perrotts Brook, Gloucestershire. GloucsHets]
04E: 23 April 1909 [Waltham Abbey, Essex. LondonHets]
04F: 29 April 1951 [Barton Broad, East Norfolk. Ent86:240-242] 28 April 1928 [Horsebridge, Hampshire. THES4:14-15]
05A: 2 May 1939 [Bookham Common, Surrey. LondonHets] 3 May 1913 [Epping Forest, Essex. LondonHets]
05D: 19 May 1994 [Chymder Marsh, Gunwalloe, Cornwall. CornwallHets] 20 May 2003 [Loe Pool, Cornwall. CornwallHets]
05F: 30 May 1944 [Hockcliffe, Bedfordshire. EMM81:183-185]
06B: 9 June 1934 [Bookham Common, Surrey. LondonHets] 10 June 1951 [Epping Forest. PTSLENHS1951-52:71-72]
06D: 16 June 2000 [Llyn Crafnant Reservoir, VC49. HN23:11]
06E: 24 June 2003 [Loe Pool, Cornwall. CornwallHets]
07C: 15 July 1959 [Slough, Buckinghamshire. LondonHets]

07D: 16 July 1964 [Amersham, Buckinghamshire. LondonHets] 18 July 1962 [Little Chalfont, Buckinghamshire. LondonHets] 19 July 1941 [Near Moel-y-Penmaen, Caernarvonshire. TSBE8:169-230] 20 July 1959 [Slough, Buckinghamshire. LondonHets] 17 July 2015 [The Chase (National Trust), Broad Layings, VC12. Hem3:55] 17 July 1937 [Tragemona Lough, near Skibbereen, West Cork. TSBE6:149-180]
07F: 29 July 1977 [Dagnam Park, Essex. LondonHets]
08A: 5 August 1941 [Near Llanystumdwy, Caernarvonshire. Adults and nymphs. TSBE8:169-230] 4 August 1957 [Rickmansworth, Hertfordshire. LondonHets] 2 August 1956 [Slough, Buckinghamshire. LondonHets] 3 August 1933 [Youghal, East Cvork. IrelandHets]
08B: 9 August 1984 [Darland's Lake NR, Totteridge. LondonHets] 10 August 1937 [Near Beaulieu, South Hampshire. TSBE6:149-180] 9 August 1941 [Near Moel-y-Penmaen, Caernarvonshire. Nymph. TSBE8:169-230]
08C: 15 August 1970 [Black Pond, Esher Common, Surrey. LondonHets]
08D: 17 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 20 August 1950 [Bookham Common, Surrey. LondonHets] 18 August 1941 [Near Moel-y-Penmaen, Caernarvonshire. TSBE8:169-230] 18 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 16 August 1964 [Ruislip LNR, Middlesex. LondonHets]
08E: 21 August 1916 [Notting Hill, Middlesex. LondonHets] 22 August 1941 [Pwllheli, Caernarvonshire. TSBE8:169-230]
08F: 30 August 1953 [Fulmer, Buckinghamshire. EMM90:250] 27 August 1941 [Llyn Glasfryn, Caernarvonshire. TSBE8:169-230] 31 August 2001 [Llyn Llywenan, VC52. HN23:12]
09A: 5 September 1957 [Lea Valley, Cheshunt, Hertfordshire. LondonHets] 1 September 1953 [Little Chalfont, Buckinghamshire. EMM90:250]
09B: 9 September 1953 [Little Chalfont, Buckinghamshire. LondonHets] 9 September 1949 [Little Sea, Studland, Dorset. Ent87:45-53]
09C: 13 September 1959 [Amersham, Buckinghamshire. LondonHets]
09D: 17 September 1905 [Wisley, Surrey. LondonHets]
09E: 22 September 1963 [Weybridge, Surrey. LondonHets]
09F: 27 September 1977 [Dagnam Park, Essex. LondonHets]
10C: 15 October 1921 [Westerham, Kent. LondonHets]
10D: 18 October 1981 [Cannop Ponds, Gloucestershire. GloucsHets]
10E: 24 October 1897 [Cheshunt, Lea Valley. EMM34:13-15]
10F: 26 October 2011 [Lincoln, VC53. Hem3:91]
11A: 3 November 1935 [Braydon pond, North Wiltshire. TSBE6:149-180]
12C: 15 December 1962 [Ruxley Gravel Pit, Kent. LondonHets]

Chartoscirta cocksii (Curtis) (Saldidae)
03C: 13 March 1943 [Northwood, Middlesex. LondonHets]
04A: 1 April 1893 [Woking, Surrey. LondonHets]
04F: 27 April 1968 [Chobham Common, Surrey. PTBENHS2:17-18]
05B: 8 May 1954 [Chobham Common, Surrey. LondonHets]
05E: 22 May 1955 [Chobham Common, Surrey. LondonHets]
06E: 25 June 1953 [Chobham Common, Surrey. EMM89:279]
06F: 28 June 1838 [Glanvilles Wootton, Dorset. EMM84:125-127]
07C: 15 July 1993 [Porthysgo, Lleyn Peninsula, Caernarvon. BJENH7:173]
08B: 9 August 1964 [Ruislip LNR, Middlesex. Adults and nymph. LondonHets] 9 August 1908 [West End Common, Esher, Surrey. LondonHets]
09C: 14 September 1956 [Saltash, Cornwall. Males and females. EMM93:49-51]

Chartoscirta elegantula (Fallén) (Saldidae)
05E: 23 May 1991 [Loch Garten RSPB reserve, Easterness. BJENH5:77]
06C: 12 June 1949 [Wicken Fen, Cambridgeshire. Female. EMM85:311-312] 12 June 1949 [Wicken Fen, Cambridgeshire. Male. EMM85:311-312]
07F: 29 July 1925 [River Slaney near Macmine, Co Wexford. Brachypter. IrelandHets] 29 July 1925 [River Slaney near Macmine, Co Wexford. Brachypters. IrelandHets]

08D: 17 August 1985 [Near Eskmeals Viaduct, Ravenglass, VC70. EMM130:158]
09A: 3 September 1951 [Gracious Pond, Chobham Common, Surrey. LondonHets]
09D: 17 September 1939 [Near Upton, Poole Harbour, Dorset. TSBE9:151-195]

Chiloxanthus pilosus (Fallén) (Saldidae)
06F: 30 June [Broughton, Lancashire. D&S1865]
08A: 5 August 1894 [Malahide, Co Dublin. IrelandHets]
08B: 7 August 1898 [North Bull, Co Dublin. IrelandHets]

Halosalda lateralis (Fallén) (Saldidae)
06E: 22 June 1959 [West Wittering, Sussex. Female macropter. EMM96:13]
07B: 6 July 1901 [Tramore, Co Waterford. IrelandHets]
07C: 14 July 1990 [Beachley Point, Gloucestershire. GloucsHets]
07E: 22 July 1936 [Culbin Sands, Moray Firth, Elgin. TSBE9:151-195]
08A: 5 August 1957 [Near Lymington, South Hampshire. Adults and tenerals. ERJV70:197-198]
08B: 7 August 1957 [Yarmouth, Isle of Wight. ERJV70:197-198]
08C: 12 August 1927 [Kilcoole, Wicklow. IrelandHets] 15 August 1938 [Lodmoor, near Weymouth, Dorset. Including melanic brachypter female. TSBE9:151-195] 13 August 1896 [Portmarnock, Co Dublin. IrelandHets]
08E: 25 August 1931 [Kilmore Quay, Wexford. IrelandHets]
09F: 30 September 1934 [Studland, Dorset. TSBE9:151-195]

Macrosaldula scotica (Curtis) (Saldidae)
06E: 25 June 1960 [By Loch Assynt, Sutherland. Nymph reared in culture. PTSLENHS1960:42]
06F: 30 June 1933 [Glen Einich, near Aviemore, Inverness-shire. JSBE1:131-141]
07A: 1 July 1933 [Feshie Glen, near Aviemore, Inverness-shire. JSBE1:131-141] 4 July 1953 [Ribble Head, VC64. Adults and nymphs. EMM90:115-117]
07B: 8 July 1861 [Ullswater, Cumberland/Westmorland. EMM84:125-127]
07E: 24 July 1934 [Bridge of Avon, Elgin. TSBE9:151-195] 24 July 1957 [Loch Lomond, Dunbartonshire. EMM94:93]
07F: 31 July 1861 [Matlock, Derbyshire. EMM84:125-127]
08A: 4 August 1967 [Inchcailloch, Loch Lomond NNR, Stirlingshire. EMM114:21-24] 3 August 1967 [Torrinch, Loch Lomond NNR, Dumbartonshire. EMM114:21-24]
08B: 8 August 1967 [Aber Isle, Loch Lomond NNR, Dumbartonshire. EMM114:21-24] 6 August 1967 [Clairinsh, Loch Lomond NNR, Stirlingshire. EMM114:21-24] 6 August 1936 [Loch Morlich, Glenmore Forest, East Inverness-shire. TSBE9:151-195] 8 August 1825 [South Scotland. EMM84:125-127]
08C: 15 August 2002 [Binnegar Quarry, Dorset. BJENH16:186]
08D: 16 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 20 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230]
08E: 24 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 22 August 1943 [River Leri, near Llandre, Cardigan. Males. EMM93:49-51]
09D: 19 September 2005 [Confluence of Rivers Clydach and Usk, VC42. HN7:16]
10C: 11 October 1992 [Lough Neagh, Co Down. IrelandHets]

Micracanthia marginalis (Fallén) (Saldidae)
06A: 2 June 1995 [Thursley NNR, Surrey. Nymphs. EMM133:79-80]
06C: 11 June 1960 [Chobham Common, Surrey. LondonHets] 12 June 1959 [Elstead Common, Surrey. LondonHets]
06D: 19 June 1958 [Studland Heath, Dorset. EMM95:287-288] 16 June 1995 [Thursley NNR, Surrey. Adults. EMM133:79-80]
06E: 25 June 1953 [Chobham Common, Surrey. EMM89:279] 21 June 1960 [Chobham Common, Surrey. LondonHets]
07D: 18 July 1959 [Chobham Common, Surrey. LondonHets] 16 July 1959 [Elstead Common, Surrey. LondonHets]

08A: 1 and 3 August 1957 [Esher Common, Surrey. Male and female. PTSLENHS1957:12-13] 1 August 1957 [Esher Common, Surrey. Male/female. EMM93:xlviii] 3 August 1957 [Esher Common, Surrey. Male/female. EMM93:xlviii]
08E: 22 August 1984 [Thursley Common, Surrey. PTBENHS18:20]
09C: 15 September 1830 [Lewell Heath, Dorset. EMM84:125-127]

Salda littoralis (Linnaeus) (Saldidae)
06B: 8 June 1933 [Loch Maree, West Ross. TSBE9:151-195] 10 June [Wareham Harbour. D&S1865]
06C: 14 June 2010 [By Coed Mor, Menai Strait, VC52. HN23:12] 13 June 1928 [Loch Insh, Kincraig, East Inverness-shire. TSBE9:151-195]
06F: 30 June 1963 [Faversham Creek, Kent. PTSLENHS1963Part1:68-69] 27 June 1954 [Faversham, Kent. Adults and nymphs. PTSLENHS1954-55:84-86]
07A: 4 July 1983 [Hayle Saltmarsh, Cornwall. CornwallHets] 2-5 July 1953 [Malham Tarn, VC64. Adults and nymphs. EMM90:115-117] 4 July 1979 [Trelonk, River Fal, Cornwall. CornwallHets]
07B: 9 July 1935 [Studland, Dorset. TSBE9:151-195]
07C: 11 July [Holywood. D&S1865] 15 July 1932 [Nethybridge, East Inverness-shire. TSBE9:151-195]
07D: 20 July 1954 [Mochras, Merioneth. Male. EMM92:54-64] 20 July 2000 [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. EMM137:162]
07E: 22 July 1936 [Forres, Elgin. TSBE9:151-195]
08A: 4 August 2002 [Ashleworth Ham, VC34. BJENH19:34-37]
08B: 6 August 1936 [Loch Morlich, Glenmore Forest, East Inverness-shire. TSBE9:151-195] 7 August 1957 [Yarmouth, Isle of Wight. ERJV70:197-198]
08C: 15 August 1938 [Lodmoor, near Weymouth, Dorset. In copula and male macropter. TSBE9:151-195] 15 August 1938 [Lodmoor, near Weymouth, Dorset. TSBE9:151-195] 15 August 1938 [Lodmoor, near Weymouth, Dorset. TSBE9:151-195]

Salda morio Zetterstedt (Saldidae)
06D: 18 June 1930 [Bolton Fell, Cumberland. Male. EMM94:190-192] 19 June 1991 [Ennerdale, Lake District. BJENH5:77]
06E: 24 June 1942 [Isle of Arran, Kindonan, Loch Garbad, Buteshire (VC100). Female. EMM94:190-192] 25 June 1960 [Near Betty Hill, Sutherland. PTSLENHS1960:42] 25 June 1905 [Newton Reigny Moss, Cumberland. Female. EMM94:190-192]
07A: 1 July 1913 [Grisdale Pike, Cumberland. Female. EMM94:190-192]
07B: 7-9 July 1981 [Below Ringing Roger, Edale, Derbyshire. Adults and nymphs. EMM119:116] 7 July 1945 [Edinburgh, Pentlands, Midlothian. Male and female. EMM94:190-192]
07E: 21 July 1939 [Near Ayr, Dunure, Drumshag Loch, Ayrshire (VC75). Females. EMM94:190-192]
08A: 3 August 1944 [Ardrishaig, Argyllshire. EMM94:190-192] 1 August 1902 [Newton Reigny Moss, Cumberland. Male. EMM94:190-192]
08B: 8 August 1916 [Whitfield Fell, Northumberland. Males. EMM94:190-192]
08E: 22 August 1942 [Borrowdale, Blea Tarn, Yorkshire. EMM94:190-192]
10A: 1 October 1945 [Edinburgh, Pentlands, Midlothian. Male and female. EMM94:190-192]

Salda morio/muelleri AMBIGUOUS (Saldidae)
06A: 4 June 1893 [Tibradden, Co Dublin. IrelandHets]
06E: 22 June 1826 [Whittlesea Mere, Huntingdonshire. EMM84:125-127]
07A: 5 July 1937 [Lough Ballyally, near Skibbereen, West Cork. Male. TSBE6:149-180]
07C: 14 July 1892 [Ballymote, Sligo. IrelandHets]
07D: 19 July 1941 [Near Moel-y-Penmaen, Caernarvonshire. TSBE8:169-230]

Salda muelleri (Gmelin) (Saldidae)
06A: 4 June 1991 [Nether Wasdale, Lake District. BJENH5:77]

06B: 10 June 1943 [Wicken Fen, Cambridgeshire. Female. EMM94:190-192]
06C: 12 June 1915 [Orton, Cumberland. Male and female. EMM94:190-192] 13 June 1943 [Wicken Fen, Cambridgeshire. Male. EMM94:190-192]
06D: 17 June 1933 [Loch Morlich, Inverness-shire (VC96). Male and females. EMM94:190-192]
06E: 24 June 1942 [Isle of Arran, Kildonan, Loch Garbed, Buteshire (VC100). Males. EMM94:190-192] 22 June 1826 [Whittlesea Mere, Huntingdonshire. Female. EMM94:190-192]
07A: 1 July 1938 [Surlingham, Wheatfen Broad, Norfolk. Female. EMM94:190-192]
07D: 20 July 1907 [Newtonmore, Inverness-shire. Female. EMM94:190-192]
07E: 21 July 1887 [Brumstead Common, Norfolk. Male. EMM94:190-192]
07F: 29 July 1990 [Lochan an Daim, Perthshire. BJENH5:77-78] 26 July 1939 [Straiton, Loch Spallander, Ayrshire. Female. EMM94:190-192]
08A: 3 August 1951 [Kincraig, Leautt, Inverness-shire. Male and female. EMM94:190-192]
08C: 15 August 1946 [Aviemore, Inverness-shire. Female. EMM94:190-192] 14 August 1946 [Aviemore, Inverness-shire. Females. EMM94:190-192]

Saldula arenicola (Scholtz) (Saldidae)
05E: 21 May 1991 [Dungeness, East Kent. BJENH7:174-175]
06E: 21 June 1937 [Undercliff at Charmouth, Dorset. TSBE9:151-195]
07D: 18 July 1990 [Dunscombe, South Devon. BJENH4:119-121] 17 July 1990 [Weston, South Devon. BJENH4:119-121]
08A: 3 August 1983 [Eype, Dorset. PTBENHS18:20]
08B: 7 August 1957 [Yarmouth, Isle of Wight. ERJV70:197-198]
08C: 11 August 1937 [Highcliffe, South Hampshire. Adults and nymphs. TSBE6:149-180]
09D: 19 September 1934 [Highcliffe-on-Sea, South Hampshire. TSBE9:151-195]
10D: 16 October 1866 [Luccombe Chine, Isle of Wight. EMM84:236]

Saldula c-album (Fieber) (Saldidae)
04A: 2 April 1999 [Afon Llafar, VC49. HN23:11]
04D: 17 April 1936 [River Lugg, Herefordshire. TSBE6:149-180] 19 April 1936 [River Lugg, Herefordshire. TSBE6:149-180]
05E: 24 May 1937 [Loch Rannoch, North Perthshire. TSBE9:151-195]
05F: 30 May 1935 [Loch Rannoch, North Perthshire. TSBE9:151-195] 31 May 1937 [River Spey, near Grantown, East Inverness-shire. TSBE9:151-195] 27 May 1937 [River Spey, near Newtonmore, East Inverness-shire. TSBE9:151-195] 27 May 1937 [River Truim, near Dalwhinnie, North Perthshire. TSBE9:151-195]
06B: 10 June [Wareham. D&S1865]
07B: 10 July 1979 [Gannel Estuary, Cornwall. CornwallHets] 6 July 1953 [River Ribble near Gisburn, VC64. EMM90:115-117]
07C: 14 July 1990 [Beachley Point, Gloucestershire. GloucsHets]
07D: 17 July 1944 [Llangua, Monmouth. Male and females. EMM92:54-64]
07E: 21 July 1926 [Inverness, East Inverness-shire. TSBE9:151-195] 21 July 1934 [Inverness, East Inverness-shire. TSBE9:151-195] 21 July 1955 [Rhayadar, Radnor. Male and females. EMM92:54-64] 25 July 1861 [Scalby Mills, Scarborough, NE Yorkshire. EMM84:236]
07F: 31 July 1861 [Matlock, Derbyshire. EMM84:236]
08B: 8 August 2003 [Gwydir Bay SSSI, VC49. HN23:11]
08C: 12 August [Black-gang Chine. D&S1865] 14 August 1937 [Ryders Hill, South Devon. TSBE6:149-180]
08D: 17 August 1937 [River Teign above Newton Abbot, South Devon. TSBE6:149-180]
09A: 1 September 1919 [St Teath, Cornwall. TSBE1:51-84]
09C: 12 September 1924 [Inverness, East Inverness-shire. TSBE9:151-195]
10B: 8 October 1934 [Ivybridge, South Devon. TSBE9:151-195]

Saldula fucicola (J. Sahlberg) (Saldidae)
07D: 18 July 2000 [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. EMM137:162]
07E: 24 July 1957 [Loch Lomond, Dunbartonshire. EMM94:93]
08A: 3 August 1990 [Loch Leven, Perthshire. BJENH5:77-78]

Saldula melanoscela (Fieber) (Saldidae)
04E: 24 April 1945 [Kirkbride, Cumberland. EMM137:162]
06A: 2 June 1928 [Kirkbride, Cumberland. EMM137:162]
06F: 27 June 1987 [Whitrigg Bridge, near Kirkbride, Solway coast, Cumberland. EMM137:162]
07D: 18 July 2000 [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. Male and females. EMM137:162] 20 July 2000 [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. EMM137:162]

Saldula opacula (Zetterstedt) (Saldidae)
03B: 10 March 1952 [River Ver, Colney Street, Hertfordshire. EMM89:32]
04A: 5 April 2000 [Red Wharf Bay, VC52. HN23:12]
04B: 8 April 2000 [Foryd (outside LNR), VC49. HN23:11]
04F: 29 April 1897 [Felixstowe, Suffolk. SuffolkHets]
05F: 27 May 2004 [Cwm Uchaf, Snowdon, VC49. HN23:11]
06A: 5 June 1983 [Knockfin Heights, near Kinbrace, East Sutherland (VC107). Male and female. EMM125:249]
06C: 14 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58]
06D: 17 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58] 20 June 2014 [Willow Tree Fen, near Spalding, South Lincolnshire (VC53). Hem3:73]
06F: 30 June 2015 [Near Stanton St John, outside Oxford, VC23. Hem3:68]
07A: 2 July 1986 [Coire nan Clach, below Beinn a' Bhuird, Eastern Cairngorms (VC92). Male. EMM125:249] 3/4 July 2014 [Stanton Harcourt, Oxfordshire. BJENH28:57-58]
07D: 17 July 2014 [Near Stanton St John, Oxford. BJENH28:57-58]
07F: 27 July 1991 [Cliffe Marshes, West Kent. BJENH7:174-175] 27 July 1972 [Mount AlderWood reserve, Sutherland. Adults. EMM109:223-225]
08A: 5 August 1992 [Ouse Washes, Cambridgeshire. BJENH7:174-175]
08D: 17 August 2014 [Willow Tree Fen, near Spalding, South Lincolnshire (VC53). Hem3:73]

Saldula orthochila (Fieber) (Saldidae)
03E: 24 March 1935 [Chobham, Surrey. LondonHets]
04B: 6 April 1968 [Blackheath, Kent. LondonHets]
05C: 11 May 1951 [West End Common, Surrey. Adults and nymphs. LondonHets]
06A: 1 June 1955 [Slough, Buckinghamshire. LondonHets]
06B: 6 June 1955 [Slough, Buckinghamshire. LondonHets]
06D: 16 June 1894 [Laytown, Meath. IrelandHets] 17 June 1937 [Loch Garten, Abernethy Forest, East Inverness-shire. Adults and nymphs. TSBE9:151-195] 16 June 1926 [Powerscourt Deerpark, Wicklow. IrelandHets]
06E: 23 June 1965 [Blackheath, Kent. LondonHets] 25 June 1966 [Great Culand Chalk Pit, Burham, Kent. PTSLENHS1966:118]
06F: 30 June 1951 [Near station, Oxshott. PTSLENHS1951-52:73-74]
07A: 4 July 1965 [Knowle Park, Kent. PTSLENHS1965:59-60] 4 July 1951 [Little Chalfont, Buckinghamshire. LondonHets] 3 July 1956 [Witley Common, Surrey. LondonHets]
07B: 10 July 1966 [Danbury Common, Essex. LondonHets] 9 July 1951 [West End Common, Surrey. Nymphs. LondonHets]
07C: 14 July 1934 [Aviemore, East Inverness-shire. TSBE9:151-195] 14 July 1963 [Darenth Wood, Kent. LondonHets] 11 July 1956 [Oxshott Heath, Surrey. LondonHets] 13 July 1924 [Sharpenhoe, Bedfordshire. TSBE9:151-195]
07D: 17 July 1966 [Slaithwaite Moor, Pennines, Yorkshire. EMM106:256]

07E: 23 July 1954 [Slough, Buckinghamshire. LondonHets] 21 July 1952 [West End Common, Surrey. LondonHets]
07F: 31 July 1966 [Lindley Moor, Pennines, Yorkshire. EMM106:256] 30 July 1825 [South Scotland. EMM84:125-127]
08A: 5 August 1967 [Blackheath, Kent. LondonHets] 5 August 1893 [Santry, Co Dublin. IrelandHets] 4 August 1960 [Sharpenhoe, Bedfordshire. Adult and nymphs. EMM97:32-33]
08B: 8 August 1954 [Harefield, Middlesex. LondonHets] 7 August 1898 [North Bull, Co Dublin. IrelandHets]
08E: 23 August 1939 [Loch Garten, Abernethy Forest, East Inverness-shire. Adults and nymphs. TSBE9:151-195]
08F: 29-30 August 1955 [Trawscoed, Cardigan. Male. EMM92:54-64]
09A: 5 September 1924 [Holmpatrick Demesne, Co Dublin. IrelandHets] 4 September 1930 [Lough Ennell, Westmeath. IrelandHets]
09B: 6 September 1957 [Blackheath, Kent. LondonHets] 8 September 1928 [Clontarf, Co Dublin. IrelandHets] 9 September 1984 [Kew, Surrey. BJENH13:67-68] 6 September 1964 [Near Walton Park Wood, Headley, Surrey. Adults. LondonHets] 10 September 1951 [West End Common, Surrey. Adults and nymphs. LondonHets]
09C: 13 September 1931 [Mildenhall, West Suffolk. TSBE9:151-195]
09D: 20 September 1970 [Headley Heath, Surrey. LondonHets] 17 September 1958 [Oxshott Heath, Surrey. LondonHets] 20 September 1957 [Plumstead, Kent. LondonHets] 20 September 1934 [Ruislip Reservoir, Middlesex. Ent71:148-153]
09E: 25 September 1957 [Broomhill, Glasgow. In copula. EMM94:93]
09F: 27 September 1958 [Bostall Woods, Kent. LondonHets] 26 September 1935 [Hillingdon, Middlesex. Ent71:148-153] 29 September 2013 [Woodmancote, Gloucestershire. HN22:9]
10A: 4 October 1954 [West End Common, Surrey. LondonHets]
10B: 10 October 1926 [Wicklow Gap, Wicklow. IrelandHets]
10D: 18 October 1927 [Newbridge, Kildare. IrelandHets]

Saldula pallipes (Fabricius) (Saldidae)
06C: 11 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58] 14 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58]
06D: 17 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58]
06E: 25 June 2009 [Wicken Fen, VC29. Hem4:145]
06F: 30 June 2015 [Near Stanton St John, outside Oxford, VC23. Hem3:68]
07A: 3/4 July 2014 [Stanton Harcourt, Oxfordshire. BJENH28:57-58]
07C: 15 July 2018 [Lilbourne meadows, VC32. Hem6:280]
07D: 16 July 2014 [Near Radstone, VC32. Males and females. Hem6:281] 17 July 2014 [Near Stanton St John, Oxford. BJENH28:57-58]
08C: 11 August 1987 [Thrupp Gravel Pit, Abingdon, VC22. Hem5:146]
08D: 20 August 2007 [St Catherines Point, Isle of Wight. Hem3:52]

Saldula pallipes/palustris AMBIGUOUS (Saldidae)
03C: 13 March 1965 [Wisley, Surrey. LondonHets]
04A: 5 April 1902 [Hendon, Middlesex. Male and female. LondonHets]
05A: 3 May 1902 [Hendon, Middlesex. Female. LondonHets] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57]
06B: 10 June [Wareham. D&S1865] 9 June 1959 [Wraysbury, Buckinghamshire. EMM96:152]
06C: 11 June 1932 [Sunbury, Middlesex. LondonHets]
06F: 28 June 1964 [Ashridge, Hertfordshire. LondonHets] 30 June 1963 [Faversham Creek, Kent. PTSLENHS1963Part1:68-69] 29 June 1911 [Mickleham, Surrey. Male. LondonHets]
07A: 5 July 1937 [Near Coosatorn, near Lough Ine, near Skibbereen, West Cork. Male. TSBE6:149-180]
07B: 9 July 1953 [Hounslow Heath, Middlesex. LondonHets] 8 July 1937 [Island in Lough Ine, near Skibbereen, West Cork. TSBE6:149-180] 6 July 1901 [Tramore, Co Waterford. IrelandHets]

07C: 11 July 1964 [Joyden's Wood, Bexley, Kent. LondonHets]
07D: 20 July 1954 [Mochras, Merioneth. Males. EMM92:54-64] 18 July 1899 [Richmond Park, Surrey. LondonHets] 17 July 1937 [Tragemona Lough, near Skibbereen, West Cork. TSBE6:149-180]
07E: 22 July 1936 [Culbin Sands, Moray Firth, Elgin. TSBE9:151-195] 21 July 1932 [Ingoldmells, Lincolnshire. EMM68:213-214] 25 July 1925 [Near Wexford, Co Wexford. IrelandHets]
08A: 5 August 1957 [Near Lymington, South Hampshire. ERJV74:247]
08B: 8 August 1941 [Holyhead Island, Angelsey. Adults and nymphs. TSBE8:169-230] 10 August 1915 [Wivelscombe Creek, Cornwall. TSBE1:51-84] 7 August 1957 [Yarmouth, Isle of Wight. ERJV74:247]
08C: 12 August 1944 [Oldbury-on-Severn, Gloucestershire. GloucsHets] 12 August 1962 [River Thames, Higham, Kent. EMM98:188] 15 August 1993 [Sedbury Marsh, Gloucestershire. GloucsHets] 15 August 1992 [Slimbridge, Gloucestershire. GloucsHets]
08D: 17 August 1960 [Wraysbury, Buckinghamshire. EMM96:152]
08F: 29 August 1962 [Harty Ferry, Swale estuary, Isle of Sheppey, Kent. EMM98:188] 27 August 1932 [Horsell Common, Surrey. Male. LondonHets] 30 August 1927 [Murragh of Wicklow, Co Wicklow. IrelandHets]
09A: 4 September 1953 [Birling, Kent. LondonHets] 3 September 1949 [Cassington, Oxfordshire. EMM90:250] 5 September 1945 [River Lea, East Hyde, Bedfordshire. EMM86:6-8]
09C: 11 September 1935 [Aust/New Passage, West Gloucestershire. TSBE6:149-180] 15 September 1963 [High Halstow, Kent. PTSLENHS1963Part1:73-74]
09F: 29 September 1963 [Farningham Wood, Kent. LondonHets]
10B: 6 October 1962 [High Halstow marshes, Kent. EMM98:188]
10E: 22 October 1964 [Epping Forest, Essex. LondonHets]
11B: 9 November 1963 [Epping Forest, Essex. LondonHets]

Saldula palustris (Douglas) (Saldidae)
07B: 9 July 1983 [Gannel Estuary, Cornwall. CornwallHets]
07C: 14 July 2001 [Hamble Common, VC11. Hem3:109]
07D: 20 July 2009 [Eype's Mouth, VC9. Hem3:109] 18 July 2000 [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. EMM137:162]
08E: 25 August 1984 [Blackwater Estuary, North Essex. HSGN4:4]

Saldula pilosella (Thomson) (Saldidae)
04D: 17 April 1949 [Benfleet, Essex. LondonHets]
04E: 23 April 1946 [Higham, Kent. LondonHets]
05B: 9 May 1964 [Swanscombe Marshes, Kent. LondonHets]
05D: 17 May 1937 [Seawall Farm, near Kingston Seymour, North Somerset. TSBE8:231-290]
07B: 6 July 1901 [Tramore, Co Waterford. IrelandHets]
07F: 27 July 1951 [Higham, Kent. LondonHets]
08A: 5 August 1957 [Near Lymington, South Hampshire. Adults, tenerals and nymphs. ERJV70:197-198]
08C: 15 August 1938 [Lodmoor, near Weymouth, Dorset. TSBE9:151-195]
09C: 12 September 1959 [Higham, Kent. LondonHets]
09E: 24 September 1905 [Gravesend, Kent. LondonHets]

Saldula saltatoria (Linnaeus) (Saldidae)
03A: 1 March 1989 [Broadway, Worcestershire. Adult. EMM129:60]
03B: 10 March 1945 [Hummocky Field, Totternhoe, Bedfordshire. EMM86:6-8]
03F: 26 March 1944 [Marsden, Gloucestershire. GloucsHets]
04B: 10 April 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230]
04C: 15 April 1955 [Chobham Common, Surrey. LondonHets]
04D: 16 April 1910 [Broxbourne, Hertfordshire. LondonHets] 17 April 1936 [Croft Park, Herefordshire. TSBE6:149-180] 18 April 1944 [Perrotts Brook, Gloucestershire. GloucsHets]

18 April 1944 [Rendcomb Lake, Gloucestershire. GloucsHets] 17 April 1936 [River Lugg, Herefordshire. TSBE6:149-180] 19 April 1936 [River Lugg, Herefordshire. TSBE6:149-180]

04E: 22 April 1941 [Afon Rhyd-hir, Caernarvonshire. TSBE8:169-230] 25 April 1939 [Bookham Common, Surrey. LondonHets] 25 April 1937 [Chobham Common, Surrey. LondonHets]

04F: 27 April 1963 [Aston, Hertfordshire. LondonHets] 28 April 1963 [Oxshott Heath, Surrey. LondonHets]

05A: 4 May 1970 [Epsom Common, Surrey. LondonHets] 3 May 1947 [Fancott Gravel Pit, Luton, Bedfordshire. EMM86:6-8]

05B: 10 May 1941 [Abererch, Caernarvonshire. Adult. TSBE8:169-230] 6 May 1911 [Cheshunt, Hertfordshire. LondonHets] 8 May 1954 [Chobham Common, Surrey. LondonHets] 6 May 1911 [Cuffley, Hertfordshire. LondonHets] 7 May 1976 [Dagnam Park, Essex. LondonHets] 10 May 1992 [Orles Wood, Gloucestershire. GloucsHets] 8 May 1949 [Oxshott Heath, Surrey. LondonHets]

05C: 15 May 1989 [Cape Cornwall, Cornwall. CornwallHets]

05D: 16 May 1989 [Bosigran, Cornwall. CornwallHets] 20 May 2003 [Loe Pool, Cornwall. CornwallHets] 17 May 1990 [Valency Valley, Cornwall. CornwallHets]

05F: 30 May 1989 [Cubert, Cornwall. CornwallHets] 30 May 1942 [Epping Forest, Essex. LondonHets] 30 May 1989 [Holywell, Cornwall. CornwallHets]

06A: 3 June 1940 [Arbrook Common, Surrey. LondonHets] 5 June 1983 [Knockfin Heights, near Kinbrace, East Sutherland (VC107). Male and female. EMM125:249]

06B: 6 June 1989 [Duckpool, Cornwall. CornwallHets] 6 June 1989 [Penrose, Cornwall. CornwallHets]

06C: 11 June 2001 [Kites Croft, VC11. Hem3:109] 11 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58] 14 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58] 13 June 2005 [South Penquite Farm, Blisland, Cornwall. CornwallHets] 11 June 1951 [West End Common, Surrey. LondonHets]

06D: 18 June 1989 [Apperley, Gloucestershire. GloucsHets] 18 June 2001 [Mullion Cliffs, Cornwall. CornwallHets] 17 June 2014 [New Marston Meadows, Oxford. BJENH28:57-58] 19 June 2001 [The Loe, Cornwall. CornwallHets]

06E: 22 June 2003 [Colliford Lake, Cornwall. CornwallHets] 23 June 2003 [Gwithian Towan, Cornwall. CornwallHets] 22 June 1989 [Hore Point, Cornwall. CornwallHets] 24 June 2003 [Loe Pool, Cornwall. CornwallHets]

06F: 28 June 2006 [Dunmere Wood, Cornwall. CornwallHets] 26 June 1964 [Esher Common, Surrey. LondonHets] 27 June 1989 [Fowey River, above Respryn Bridge, Lanhydrock, Cornwall. CornwallHets] 27 June 1989 [Lanhydrock, Cornwall. CornwallHets] 30 June 2015 [Near Stanton St John, outside Oxford, VC23. Hem3:68]

07A: 5 July 1937 [Bealararee Marsh, near Skibbereen, West Cork. TSBE6:149-180] 5 July 1933 [Chobham Common, Surrey. LondonHets] 5 July 1937 [Lough Ballyally, near Skibbereen, West Cork. TSBE6:149-180] 3/4 July 2014 [Stanton Harcourt, Oxfordshire. BJENH28:57-58] 5 July 1937 [Tralispean, West Cork. TSBE6:149-180] 3 July 1939 [Woking, Surrey. LondonHets]

07B: 9 July 1949 [Hell Coppice, Buckinghamshire. EMM90:250] 8 July 1937 [Island in Lough Ine, near Skibbereen, West Cork. Male. TSBE6:149-180] 8-9 July 1994 [River Itchen, Hampshire. BJENH8:165-169] 6 July 1953 [River Ribble near Gisburn, VC64. EMM90:115-117] 9 July 1842 [Selborne, North Hampshire. EMM84:125-127]

07C: 13 July 2001 [Cadsonbury Woods, Cornwall. CornwallHets] 12 July 1937 [Killarney, South Kerry. TSBE6:149-180] 15 July 2018 [Lilbourne meadows, VC32. Hem6:280]

07D: 17 July 1955 [Aberystwyth Harbour, Cardigan. Males, females and nymphs. EMM92:54-64] 20 July 1955 [Derwenlas, Montgomery. Males and females. EMM92:54-64] 16 July 1944 [Elstree, Hertfordshire. LondonHets] 20 July 1955 [Gelli-gogh, near Machynlleth, Montgomery. Females. EMM92:54-64] 16 July 2014 [Near Radstone, VC32. Hem6:281] 17 July 2014 [Near Stanton St John, Oxford. BJENH28:57-58] 17 July 2015 [The Chase (National Trust), Broad Layings, VC12. Hem3:55] 17 July 1937 [Tragemona Lough, near Skibbereen, West Cork. TSBE6:149-180] 17 July 1955 [Ynyslas, Cardigan. Males, females and nymphs. EMM92:54-64]

07E: 21 July 1955 [Llangurig, Montgomery. Males. EMM92:54-64] 24 July 1957 [Loch Lomond, Dunbartonshire. EMM94:93] 21 July 1955 [Nantyrarian reservoir, near Ponterwyd, Cardigan. Female. EMM92:54-64] 21 July 1955 [Rhayadar, Radnor. Males and female. EMM92:54-64] 22 July 1955 [River Teifi, Tregaron Bog, Cardigan. Males, females and nymphs. EMM92:54-64] 25 July 1861 [Scalby Mills, Scarborough, NE Yorkshire. EMM84:125-127] 21 July 1954 [St Davids, Pembroke. Male and females. EMM92:54-64]

07F: 29 July 1950 [Bookham Common. PTSLENHS1950-51:75-76] 28 July 1957 [Esher Common, Surrey. LondonHets] 31 July 1943 [Finchley, Middlesex. LondonHets] 28 July 1941 [Pwllheli, Caernarvonshire. TSBE8:169-230] 26 July 2006 [Stithians Down, Cornwall. CornwallHets]

08A: 4 August 1967 [Creinch, Loch Lomon NNR, Dumbartonshire. EMM114:21-24] 3 August 1937 [Near Badminton Park, West Gloucestershire. TSBE6:149-180] 4 August 1967 [Torrinch, Loch Lomond NNR, Dumbartonshire. EMM114:21-24]

08B: 8 August 1967 [Aber Isle, Loch Lomond NNR, Dumbartonshire. EMM114:21-24] 6 August 1967 [Clairinsh, Loch Lomond NNR, Stirlingshire. EMM114:21-24] 9 August 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets] 8 August 1941 [Holyhead Island, Angelsey. TSBE8:169-230] 8 August 1941 [Llyn Hendref, east of Gwalchmai, Angelsey. TSBE8:169-230] 8 August 1967 [Mainland area, Loch Lomond NNR, Dumbartonshire. EMM114:21-24] 7 August 1941 [Malldraeth Sands, Anglesey. TSBE8:169-230] 8 August 1941 [Near Bangor, Caernarvonshire. Adults and nymph. TSBE8:169-230] 10 August 1937 [Near Beaulieu, South Hampshire. TSBE6:149-180] 8 August 1937 [Near Tilshead, South Wiltshire. TSBE6:149-180] 7 August 1937 [Roundway Hill, North Wiltshire. TSBE6:149-180] 9 August 1954 [Ruislip LNR, Middlesex. Adults and nymphs. LondonHets]

08C: 11 August 1937 [Highcliffe, South Hampshire. TSBE6:149-180] 11 August 2009 [Near Cogges Manor Farm, Witney, Watsonian Oxfordshire. Hem1:33] 11 August 1937 [West of Studland, Dorset. TSBE6:149-180]

08D: 16 August 1941 [Afon Erch, Caernarvonshire. Adults and nymphs. TSBE8:169-230] 20 August 1941 [Afon Rhyd-hir, Caernarvonshire. Adults and nymph. TSBE8:169-230] 18 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 19 August 1941 [Near Tyn-y-coed, Abererch, Caernarvonshire. Adults and nymphs. TSBE8:169-230] 17 August 1937 [River Teign above Newton Abbot, South Devon. TSBE6:149-180] 19 August 1941 [Tyn-y-coed, Abererch, Caernarvonshire. Adults and nymphs. TSBE8:169-230]

08E: 23 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 25 August 1949 [Hell Coppice, Buckinghamshire. EMM90:250] 25 August 1931 [Kilmore Quay, Wexford. IrelandHets] 25 August 1941 [Near Abererch, Caernarvonshire. Nymphs. TSBE8:169-230] 23 August 1865 [New Forest. EMM84:125-127] 22 August 1941 [Pwllheli, Caernarvonshire. TSBE8:169-230] 21 August 1949 [Spaniards Pond, Hampstead Heath, Middlesex. LondonHets]

08F: 29 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 26 August 1941 [Afon Rhyd-hir, Caernarvonshire. Adults and nymphs. TSBE8:169-230] 28 August 1941 [Near Caernarvon, Caernarvonshire. Adults and nymphs. TSBE8:169-230]

09A: 4 September 1948 [Gt. Drakelow Pond, Woburn Park, Bedfordshire. EMM86:6-8] 3 September 1955 [Llanrhystyd, Cardigan. EMM92:54-64] 5 September 1953 [Stoke Common, Buckinghamshire. EMM90:250]

09B: 7-8 September 1953 [Grounds of Rothamstead Experimental Station, Harpenden, Hertfordshire. EMM90:35] 8 September 1991 [Whelford Pools, Gloucestershire. GloucsHets]

09C: 15 September 1990 [Fairplay Reservoir, Gloucestershire. GloucsHets] 11 September 1904 [Headley Lane, Surrey. LondonHets] 11 September 1985 [Tidna Valley, Cornwall. CornwallHets]

09D: 20 September 1992 [Coverack, Cornwall. CornwallHets] 19 September 1937 [Richmond Park, Surrey. TSBE6:149-180]

09E: 25 September 1964 [Epping Green, Essex. LondonHets] 23 September 1990 [Pithouse Pond, Gloucestershire. GloucsHets]

10A: 2 October 1930 [Bookham Common, Surrey. LondonHets]

10C: 12 October 1984 [River Thames, Belvedere, North Kent. ERJV101:47-49] 12 October 1921 [Westerham, Kent. LondonHets]
10D: 18 October 1948 [Tropical Pits, Kew Gardens, Surrey. LondonHets]
10E: 22 October 1964 [Epping Forest, Essex. LondonHets] 23 October 1909 [Waltham Abbey, Essex. LondonHets]
10F: 26 October 1904 [Richmond Park, Surrey. LondonHets]
11E: 23 November 1930 [Gravesend, Kent. LondonHets]

Teloleuca pellucens (Fabricius) (Saldidae)
07D: 17 July 1966 [Slaithwaite Moor, Pennines, Yorkshire. Male. EMM106:256]
07F: 31 July 1966 [Lindley Moor, Pennines, Yorkshire. Female. EMM106:256]
09A: 3 September 1963-1967 [Moor House NR, Pennines. Adult. TSBE19:173-235]

Detailed records

Chartoscirta cincta (Herrich-Schaeffer) (Saldidae)
On surface of pond in garden [Blackheath, Kent. 9 April 1969. LondonHets]
Artificial trout pool [Croft Park, Herefordshire. 17 April 1936. TSBE6:149-180]
Pond [Lee, Kent. 20 April 1900. LondonHets]
In a fen [Barton Broad, East Norfolk. 29 April 1951. Ent86:240-242]
Beating a hedge [Horsebridge, Hampshire. 28 April 1928. THES4:14-15]
Around the shores of a lake [Loe Pool, Cornwall. 20 May 2003. CornwallHets]
On *Glyceria* in pond [Hockcliffe, Bedfordshire. 30 May 1944. EMM81:183-185]
On a patch of mud [Epping Forest. 10 June 1951. PTSLENHS1951-52:71-72]
Sedge bed by reservoir [Llyn Crafnant Reservoir, VC49. 16 June 2000. HN23:11]
Around the shores of a lake [Loe Pool, Cornwall. 24 June 2003. CornwallHets]
Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 19 July 1941. TSBE8:169-230]
Beating/sweeping [The Chase (National Trust), Broad Layings, VC12. 17 July 2015. Hem3:55]
Amongst decaying vegetation, *Sphagnum* and at roots of *Juncus* [Tragemona Lough, near Skibbereen, West Cork. 17 July 1937. TSBE6:149-180]
Swampy margin of a lake [Near Llanystumdwy, Caernarvonshire. 5 August 1941. Adults and nymphs. TSBE8:169-230]
In swamp [Slough, Buckinghamshire. 2 August 1956. LondonHets]
Pool in heathland [Near Beaulieu, South Hampshire. 10 August 1937. TSBE6:149-180]
Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 9 August 1941. Nymph. TSBE8:169-230]
River [Afon Erch, Caernarvonshire. 17 August 1941. TSBE8:169-230]
Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 18 August 1941. TSBE8:169-230]
Clay-pit pools [Near Newton Abbot, South Devon. 18 August 1937. TSBE6:149-180]
On mud beneath *Phalaris arundinacea* [Ruislip LNR, Middlesex. 16 August 1964. LondonHets]
Brackish pool [Pwllheli, Caernarvonshire. 22 August 1941. TSBE8:169-230]
At base of reeds [Fulmer, Buckinghamshire. 30 August 1953. EMM90:250]
Marshy shore of lake [Llyn Glasfryn, Caernarvonshire. 27 August 1941. TSBE8:169-230]
In damp reed debris [Lea Valley, Cheshunt, Hertfordshire. 5 September 1957. LondonHets]
In a bog [Little Sea, Studland, Dorset. 9 September 1949. Ent87:45-53]
On mud near a pond [Wisley, Surrey. 17 September 1905. LondonHets]
On a ditch bank [Cheshunt, Lea Valley. 24 October 1897. EMM34:13-15]
Artificial lake [Braydon pond, North Wiltshire. 3 November 1935. TSBE6:149-180]
Sphagnum bog [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
In a ditch [Barton Broad, Norfolk. August 1934. JSBE2:26-33]
On muddy ditches in a swamp [Barton Broad, Norfolk. 5-7 August 1938. EMM74:272-275]
In debris from edge of a pond [Blackheath, Kent. LondonHets]
By treading down very wet moss in swamp and forming water holes [Borth Bog, Cardiganshire. April. EMM93:56]
Moss [Colchester, North Essex. TSBE9:151-195]
On reeds [Covehithe Broad, Suffolk. October. SuffolkHets]

Meadow-pond [Easthampton, Herefordshire. August 1935. TSBE6:149-180]
At roots [Epping Forest, Essex. LondonHets]
Jumping on mud of marshy ground [Hartlebury Common LNR, Hilldditch, Worcestershire. Adults. EMM133:17-26]
Under refuse at sides of ponds [Hither Green Lane, Lee. PSLENHS1900:76]
In a swamp [Hounslow Heath, Middlesex. Ent86:34-40]
In damp places, and in tufts of grass [Lee and Eltham. Winter. D&S1865]
On banks [Little Ouse at Brandon, Suffolk. June. SuffolkHets]
From a swampy margin [Little Sea, Studland Heath, Dorset. 1937. JSBE2:26-33]
Small deep lake [Llyn Cororion, near Bangor, Carnarvonshire. April 1935. TSBE6:149-180]
In sphagnum [Near Cambridge. October, November, April. EMM44:275]
In a pool [Near Weston-super-Mare, Somerset. EMM72:19-20]
Moss among *Juncus* [New Forest, South Hampshire. TSBE9:151-195]
In swamps and shady places about the roots of *Juncus* and grass, and small puddles overhung with grass in sand-hills [North Somerset. TSBE8:231-290]
In hillside seepage and floodplain swamp [Pizwell, Dartmoor, South Devon. 2004. BJENH21:1-15]
Marsh [Portmarnock, Co Dublin. September 1928. IrelandHets]
River [River Arrow, near Staunton, Herefordshire. August 1935. TSBE6:149-180]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
Marsh by river [River Slaney, Wexford, Co Wexford. August 1925. IrelandHets]
From the margins of a canal [Royal Military Canal, Pett Level, East Sussex. September 1950. Ent87:45-53]
Mudflats [Seymer's Beach, Brownsea Island, Poole Harbour, Dorset. EG61:243-250]
In reedy ditch bank [Slade Green, near Erith Marshes, Kent. October 1952. LondonHets]
Amongst *Sphagnum* in mire and alongside pond is rush-pasture [South Penquite Farm, Blisland, Cornwall. 2005. CornwallHets]
Moss [Studland Heath, Dorset. TSBE9:151-195]

Chartoscirta cocksii (Curtis) (Saldidae)
Running over wet mud beside a stream in a sallow wood [Chobham Common, Surrey. 27 April 1968. PTBENHS2:17-18]
In a small, damp 'pan' on a heath [Chobham Common, Surrey. 25 June 1953. EMM89:279]
On mud amongst *Carex flacca* [Ruislip LNR, Middlesex. 9 August 1964. Adults and nymph. LondonHets]
In deep rank *Sphagnum*, and on dead grass leaves lying around miniature puddles formed by cattle trampling [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
In wet moss [Ashdown Forest, Sussex. June 1931. EMM68:38-39]
Moss by hillside runnel [Aviemore, East Inverness-shire. TSBE9:151-195]
By treading down very wet moss in swamp and forming water holes [Borth Bog, Cardiganshire. April. EMM93:56]
In wet *Sphagnum* [Chobham. 1882. EMM19:140]
In *Sphagnum* [Frant, near Tunbridge Wells. EMM19:115-116]
Moss [New Forest, South Hampshire. TSBE9:151-195]
In wet moss [Newton Moss, Dumfriesshire. October. EMM70:162]
In flood refuse [Oulton Broad, Suffolk. May 1898. Nymphs. SuffolkHets]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
In floodplain swamp [Smoothmoor, Dartmoor, South Devon. 2004. BJENH21:1-15]
Moss [Studland Heath, Dorset. TSBE9:151-195]
Marshes [West Ham, Essex. LondonHets]
Mud at margins of ditches [Witchampton, Dorset. TSBE9:151-195]
In *Sphagnum* [Woking, Chobham. Saunders1892]

Chartoscirta elegantula (Fallén) (Saldidae)
Beside peat pool [Loch Garten RSPB reserve, Easterness. 23 May 1991. BJENH5:77]
Under flood refuse in a marsh by a river [River Slaney near Macmine, Co Wexford. 29 July 1925. Brachypter. IrelandHets]
Under flood refuse in a marsh by a river [River Slaney near Macmine, Co Wexford. 29 July 1925. Brachypters. IrelandHets]
Grubbing among low herbage by the edge of a small area of saltmarsh [Near Eskmeals Viaduct, Ravenglass, VC70. 17 August 1985. EMM130:158]
In a pond [Gracious Pond, Chobham Common, Surrey. 3 September 1951. LondonHets]
Roots of grass on tidal mud [Near Upton, Poole Harbour, Dorset. 17 September 1939. TSBE9:151-195]
Amongst the tangle under Sea Lavenders (*Statice limonium* and *S. bahusiensis*) on saltmarsh [Greatham Marsh, NE England. Ent51:2-5]
Running on bare peat from which the turf had been removed [Inverkirkaig, Inverpoly reserve, Alt Gleann an Srathan, Ross-shire. June 1964. EMM100:134]
In litter cast up on the banks of a tidal river [River Medway at New Hythe, Kent. EMM85:152-156]
Along the banks of a river [River Medway near Maidstone, Kent. EMM75:277]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
On banks of a river [River Thames, Hammersmith, Middlesex. LondonHets]
In decaying *Juncus* litter [Thorne Moors, Yorkshire. Males and females. EMM116:40]
In litter by a warping drain [Thorne Moors, Yorkshire. August 1975. EMM116:40]
Lode sides with short moss on mud [Wicken fen, Cambridgeshire. Nymphs. TSBE9:151-195]

Chiloxanthus pilosus (Fallén) (Saldidae)
Running on muddy shores [Broughton, Lancashire. 30 June. D&S1865]
Coastal saltmarshes [British Isles. S&L1959]
Near water [Burgh Marsh, Cumberland. 1915. EMM52:66]
Amongst *Salicornia europaea*, in soft muddy spots of saltmarsh [Greatham Marsh, NE England. Ent51:2-5]
On the shore, very active on the sand [Gretna and Powfoot, Dumfriesshire. May and June. EMM70:162]
Ash-oak wood on limestone [Humphrey Head, Lancashire. June/July 1954. TSBE15:117-134]
Salt marsh [Portmarnock, Co Dublin. August 1898. IrelandHets]
Salt marsh [Portmarnock, Co Dublin. September 1894. IrelandHets]
On salt marsh [Roudsea Wood NNR, Lancashire. TSBE15:117-134]

Halosalda lateralis (Fallén) (Saldidae)
Salt marsh [Tramore, Co Waterford. 6 July 1901. IrelandHets]
Tidal flats [Culbin Sands, Moray Firth, Elgin. 22 July 1936. TSBE9:151-195]
In an area of small shingle on sand at the edge of a saltern [Near Lymington, South Hampshire. 5 August 1957. Adults and tenerals. ERJV70:197-198]
On patches of moist sand behind the beach and fringing the salt marsh [Yarmouth, Isle of Wight. 7 August 1957. ERJV70:197-198]
Marsh [Kilcoole, Wicklow. 12 August 1927. IrelandHets]
Damp hollow covered with *Salicornia* [Lodmoor, near Weymouth, Dorset. 15 August 1938. Including melanic brachypter female. TSBE9:151-195]
Marsh [Portmarnock, Co Dublin. 13 August 1896. IrelandHets]
Edges of salt-marsh on tidal flats [Studland, Dorset. 30 September 1934. TSBE9:151-195]
In salt marsh [Aldeburgh. June. Macropter. SuffolkHets]
Mud flats [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
On mud-flats [Barmouth, Merioneth. August/September 1927. EMM64:62-64]
On mudflats below a seawall [Brownsea Island, Poole Harbour, Dorset. 2006/2007. EG60:37-71]
Tidal flats [Clacton-on-Sea, North Essex. TSBE9:151-195]

Salt marshes [Hunstanton. Saunders1892]
On mud [Lelant Estuary, Cornwall. TSBE1:51-84]
On mud-flats where *Salicornia* and other salt-plants grew [Lelant Harbour, West Cornwall. September 1888. EMM25:236-237]
Tidal flats [Lymington, South Hampshire. TSBE9:151-195]
On the muddy margins of a river near the sea [River Crigyll, near Rhosneigr, Anglesey. August 1932. EMM68:231-232]
On tidal flats [St Osyth, North Essex. TSBE9:151-195]
In a salt marsh [Whitstable. June. EMM7:184-185]
From *Salicornia* marsh [Wyke Regis, Dorset. PRESL(A)44:62-70]

Macrosaldula scotica (Curtis) (Saldidae)
Amongst stones alongside a river [Ribble Head, VC64. 4 July 1953. Adults and nymphs. EMM90:115-117]
River bed [Bridge of Avon, Elgin. 24 July 1934. TSBE9:151-195]
On mossy vertical faces of rocks by water's edge [Inchcailloch, Loch Lomond NNR, Stirlingshire. 4 August 1967. EMM114:21-24]
On silty, shingle beaches; running on flat, mossy rocks; and within moss tussocks [Torrinch, Loch Lomond NNR, Dumbartonshire. 3 August 1967. EMM114:21-24]
On stony beach [Aber Isle, Loch Lomond NNR, Dumbartonshire. 8 August 1967. EMM114:21-24]
On shingle areas of the shore [Clairinsh, Loch Lomond NNR, Stirlingshire. 6 August 1967. EMM114:21-24]
Edge of loch [Loch Morlich, Glenmore Forest, East Inverness-shire. 6 August 1936. TSBE9:151-195]
On pebbles and stones near a river [Afon Erch, Caernarvonshire. 16 August 1941. TSBE8:169-230]
On pebbles and stones near a river [Afon Erch, Caernarvonshire. 20 August 1941. TSBE8:169-230]
On pebbles and stones near a river [Afon Erch, Caernarvonshire. 24 August 1941. TSBE8:169-230]
At the confluence of two rivers [Confluence of Rivers Clydach and Usk, VC42. 19 September 2005. HN7:16]
Shore of a lake [Lough Neagh, Co Down. 11 October 1992. IrelandHets]
River banks [Clonbrock, North Kerry. June 1996. IrelandHets]
From a stream [Dartmoor, South Devon. S&L1959]
By streams [Easton, Cumberland. ERJV51:160-161]
Among the rocks of a stream near the coast [Gairloch, Ross, Scotland. July 1937. EMM74:89-90]
Along the silty margins of a river, amongst small rocks and stones [Heddon Valley, North Devon. June 1960. Adults and nymphs. EMM97:21]
Among stones and boulders along moorland streams [Isle of Rhum, Inner Hebrides. May/June 1960. Adults and nymphs. EMM96:144]
On rock ledges and among stones and boulders beside streams; and on rocky shores of lochs up to 1000ft [Isle of Rhum, Inner Hebrides. 1960-1963. TSBE18:91-167]
Along the margin of a lake [Lake Ullswater, Cumberland. EMM51:145-146]
Hopping about on the shore of a loch [Loch in Dorb, Scottish Highlands. Autumn 1919. EMM56:45]
On lake shores [Lough Gill, Glencar, Raghly, Sligo. IrelandHets]
At the edge of stony streams [Moor House NR, Pennines. 1963-1967. Adult. TSBE19:173-235]
Stony river bed [Nethybridge, East Inverness-shire. TSBE9:151-195]
On gravel beds of a river [River Kirtle, Dumfriesshire. June 1935. EMM72:96]
Running on rocks [River Lochay, Mid-Perthshire. June 1932. EMM68:209-213]
On the banks of a river [River Otter, Devon. July/August 1916. EMM53:14-15]
On elevated moors [Scotland. June/July. EMM23:43-44]
On rocks in bed of a river [Sheen River, Kenmare, South Kerry. July 1998. IrelandHets]

Micracanthia marginalis (Fallén) (Saldidae)

Small areas of bare damp heath [Thursley NNR, Surrey. 2 June 1995. Nymphs. EMM133:79-80]
On rough wet ground where *Drosera* and mosses grew [Elstead Common, Surrey. 12 June 1959. LondonHets]
In a damp hollow, on a bare patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Studland Heath, Dorset. 19 June 1958. EMM95:287-288]
Small areas of bare damp heath [Thursley NNR, Surrey. 16 June 1995. Adults. EMM133:79-80]
In a small, damp 'pan' on a heath [Chobham Common, Surrey. 25 June 1953. EMM89:279]
Dryish bog [Alderney Heath, near Wallisdown, Dorset. June 1942. TSBE9:151-195]
On a bare, damp patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Arne Heath and Studland Heath, Dorset. June 1959. Adults and nymphs. EMM95:287-288]
In small, damp and sheltered temporary hollows with little vegetation [Britain. S&L1959]
In wet places on a heath [By Lewell plantation, near Dorchester. D&S1865]
In bare places on a heath [Chobham. 1882. EMM19:140]
On a bare, damp patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Chobham Common, Surrey. July 1959. EMM95:287-288]
From pool margins [Cors Fochno, Fenn's Moss and Nûg, Denbighshire. HN9:5]
On a bare, damp patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Elstead Common, near Godalming, Surrey. July 1959. Adults. EMM95:287-288]
On a bare, damp patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Elstead Common, near Godalming, Surrey. June 1959. Adults and nymphs. EMM95:287-288]
On a bare, damp patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* [Elstead Common, near Godalming, Surrey. September 1958. EMM95:287-288]
On bare patches on wet heath [Folly Bog, Brentmoor Common, Surrey. 1997. EMM134:265-266]
On patches of damp sand [Studland Heath, Dorset. June/July 1911. EMM48:13]
In a damp hollow on a heath [Studland, Dorset. Butler1923]
In a small damp hollow in bare peat [Thorne Moors, Yorkshire. July 1976. EMM116:40]

Salda littoralis (Linnaeus) (Saldidae)

Side of loch [Loch Maree, West Ross. 8 June 1933. TSBE9:151-195]
Under rejectamenta on sands [Wareham Harbour. 10 June. D&S1865]
Saltmarsh [By Coed Mor, Menai Strait, VC52. 14 June 2010. HN23:12]
Flood refuse [Loch Insh, Kincraig, East Inverness-shire. 13 June 1928. TSBE9:151-195]
Among the debris of the nest of a wild duck on the salterns [Faversham, Kent. 27 June 1954. Adults and nymphs. PTSLENHS1954-55:84-86]
Around stones on the shores and banks of a tarn and outflow stream [Malham Tarn, VC64. 2-5 July 1953. Adults and nymphs. EMM90:115-117]
Mudflats of river [Trelonk, River Fal, Cornwall. 4 July 1979. CornwallHets]
Edges of salt-marsh on tidal flats [Studland, Dorset. 9 July 1935. TSBE9:151-195]
Under Fuci, sea-shore [Holywood. 11 July. D&S1865]
On firm, sandy, mudflats bordering a river estuary [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. 20 July 2000. EMM137:162]
Tidal flats [Forres, Elgin. 22 July 1936. TSBE9:151-195]
Edge of loch. At 1046ft [Loch Morlich, Glenmore Forest, East Inverness-shire. 6 August 1936. TSBE9:151-195]
On mud in a saltmarsh [Yarmouth, Isle of Wight. 7 August 1957. ERJV70:197-198]
Flat expanse of black mud with some dead plants [Lodmoor, near Weymouth, Dorset. 15 August 1938. In copula and male macropter. TSBE9:151-195]
Shallow pan in sandy peat [Lodmoor, near Weymouth, Dorset. 15 August 1938. TSBE9:151-195]
Damp hollow covered with *Salicornia* [Lodmoor, near Weymouth, Dorset. 15 August 1938. TSBE9:151-195]

Coast [Ardfry, South Galway. June 1916. IrelandHets]
Along the edge of thick *Spartina* on mud flats, into which they ran when alarmed [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
On banks [Blyth at Walberswick, Suffolk. SuffolkHets]
Brackish vegetated areas [British Isles. S&L1959]
On saltmarsh and mudflat of estuary [Caerlaverock NNR, Solway Firth, Dumfries-shire. EMM109:60]
Moss [Colchester, North Essex. TSBE9:151-195]
On river banks, flying readily on sunny days [Dumfriesshire. Summer 1934. EMM71:164]
In flats behind dunes [Eoropie, Isle of Lewis, Outer Hebrides. 1949. EMM86:116]
On the margin of a burn tumbling down a glen [Glen Rosa, Isle of Arran, VC100. August 1874. EMM11:118]
In a salt marsh [Goleen, Co Cork. Ent67:129-130]
Along the margin of a lake [Lake Ullswater, Cumberland. EMM51:145-146]
Among reeds on the dried-up bed of a delph [Lincolnshire. July. Butler1923]
On islet of sand and fine shingle [Loch an Eilein, Cairngorms NNR. June 1967. Adults and nymphs. EMM104:113]
Edge of loch [Loch Garten, Abernethy Forest, East Inverness-shire. TSBE9:151-195]
Edge of loch [Loch Rannoch, North Perthshire. July 1921. TSBE9:151-195]
On the beach of a loch [Loch Rannoch, VC88. June/July 1866. EMM3:118]
Salt marsh [Lough Hyne, West Cork. IrelandHets]
Shore of a lough [Lough Neagh. EMM29:35-37]
Shores of a lough [Lough Neagh, Armagh. IrelandHets]
Tidal flats [Lymington, South Hampshire. TSBE9:151-195]
Salt marshes [Poole Harbour. August. D&S1865]
Suction sampling *Spartina anglica* [Poole Harbour, Dorset. August 1970. EMM108:66-79]
On the banks of a river [River Otter, Devon. July/August 1916. EMM53:14-15]
From saltmarsh [Severn Estuary, Somerset. EG39:235-246]
In *Salicornia* [St Leonard's Quay, South Hampshire. Female. TSBE6:149-180]
Under a flat stone in a marshy spot [St Ninian's, Shetland. September 1949. EMM86:268-269]
Off water on rising tide [St Osyth, North Essex. TSBE9:151-195]
At water edge [Strathglass, Inverness-shire. Summer 1869. EMM7:45-53]
Lake shores [West Galway. IrelandHets]
In a salt marsh [Whitstable. June. EMM7:184-185]

Salda morio Zetterstedt (Saldidae)
Wet heath/mire [Ennerdale, Lake District. 19 June 1991. BJENH5:77]
In pitfall traps set in *Sphagnum* bog [Below Ringing Roger, Edale, Derbyshire. 7-9 July 1981. Adults and nymphs. EMM119:116]
Boggy pool [Edinburgh, Pentlands, Midlothian. 7 July 1945. Male and female. EMM94:190-192]
Boggy pool [Edinburgh, Pentlands, Midlothian. 1 October 1945. Male and female. EMM94:190-192]
On a bank of wet mud at 2000ft [Allt Ruadh, Glen Feshie, Cairngorms reserve. July 1968. EMM105:165-166]
Sieving *Sphagnum* [Below Ringing Roger, Edale, Derbyshire. Nymph. EMM119:116]
Peat cutting [Isle of Barra, Outer Hebrides (VC110). July 1935. Male and female. EMM94:190-192]
Amongst moss, mud and stones at the edge of a moorland loch at about 1000ft [Isle of Rhum, Inner Hebrides. August/September 1961. Adults. EMM97:199-200]
Round the shores of a loch [Isle of Rhum, Inner Hebrides. 1961. TSBE18:91-167]
Running actively in warm sunshine on bare, wet peat near or above 1000ft; and in *Sphagnum* [Pennines, Yorkshire. July/August. Adults. EMM116:40]
Uplands [Scotland and Northern England. S&L1959]
In water trap [Valley Bog, Moor House NR, Pennines. 1963-1967. Adult. TSBE19:173-235]

Salda morio/muelleri AMBIGUOUS (Saldidae)
- Heath on mountain [Tibradden, Co Dublin. 4 June 1893. IrelandHets]
- In bog [Lough Ballyally, near Skibbereen, West Cork. 5 July 1937. Male. TSBE6:149-180]
- Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 19 July 1941. TSBE8:169-230]
- On banks of a mountain loch [Aviemore. EMM13:112]
- Heath [Clonbrock, North Galway. June 1896. IrelandHets]
- Mountain [Cromaglaun, South Kerry. July 1898. IrelandHets]
- Boggy heath [Dublin district. EMM30:64-65]
- In damp places around 'lazy beds' [Gramisdale, Isle of Benbecula, Outer Hebrides. 1947. EMM86:116]
- Shores of a loch [Loch Rannoch. Saunders1892]
- On the beach of a loch [Loch Rannoch, VC88. June/July 1866. Male. EMM3:118]
- On the moors [Near Buxton. June 1889. EMM43:196-202]
- Walking over plants of sundew on the boggy edge of a pond on a peaty moor [Pisgodlyn Mawr, near Cardiff, Glamorgan. EMM66:203]
- On elevated moors [Scotland. June/July. EMM23:43-44]
- On the shores of a reservoir on a moor [Waskerley, Durham. Ent51:2-5]
- Amongst the boulders on the shore of a small mountain lake at 2000ft [Whitfield Lough, Whitfield Fell, Northumberland. Ent51:2-5]
- Sweeping [Wicken Fen, Cambridgeshire. June 1943. Female. EMM79:257]
- Shaking litter [Wicken Fen, Cambridgeshire. June 1943. Male. EMM79:257]

Salda muelleri (Gmelin) (Saldidae)
- Wet heath [Nether Wasdale, Lake District. 4 June 1991. BJENH5:77]
- Damp places in woods by a loch [Loch Morlich, Inverness-shire (VC96). 17 June 1933. Male and females. EMM94:190-192]
- In a pitfall traps set in sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
- Valley mire site [Bodmin Moor, Crowdy Marsh, Davidstow, VC1. 2015. Adults. HN23:7]
- Fen and broads margins [Cambridgeshire/Norfolk/Huntingdonshire. S&L1959]
- Uplands [Central Highlands, Scotland. 1990. HSGN10:10]
- On moorlands [Fen Bog, NE Yorkshire. EMM116:40]
- On the sandy shore of a loch [Loch an Eilein, Cairngorms NNR. June 1967. Adults and nymphs. EMM104:113]
- On bare, peaty mud on moorland [Near Loch an Eilein, Cairngorms reserve. June 1965. Adults and nymphs. EMM101:143-144]
- Upland moorlands [Yorkshire, Lake District and Scotland. S&L1959]

Saldula arenicola (Scholtz) (Saldidae)
- Wet spots on cliffs [Undercliff at Charmouth, Dorset. 21 June 1937. TSBE9:151-195]
- Cliff seepages [Dunscombe, South Devon. 18 July 1990. BJENH4:119-121]
- Cliff seepages [Weston, South Devon. 17 July 1990. BJENH4:119-121]
- On damp sand at seaward edge of saltmarsh [Yarmouth, Isle of Wight. 7 August 1957. ERJV70:197-198]
- On cliffs, in dried-up pools, around the edges of pools of water, and on soft sandy mud amongst vegetation [Highcliffe, South Hampshire. 11 August 1937. Adults and nymphs. TSBE6:149-180]
- Wet spots on cliffs [Highcliffe-on-Sea, South Hampshire. 19 September 1934. TSBE9:151-195]
- At rest on the clay of sea cliffs, where water oozes out. Escaped capture by taking flight [Boscombe Chine, Bournemouth. September 1871. EMM8:136-137]
- Beside gravel pits [Dungeness, East Kent. 1991. HSGN12:8]
- In pitfall traps [Dungeness, East Kent. HSGN12:8]
- On the moist parts of cliffs [East of Bournemouth. August. EMM7:156-157]
- Around small spring on clay cliffs [Hengistbury Head, Dorset. June 1995. EMM134:265-266]
- On damp sandy cliff [Isle of Wight. September 1983. PTBENHS17:18]

Saldula c-album (Fieber) (Saldidae)
At 400m [Afon Llafar, VC49. 2 April 1999. HN23:11]
On pebbly shores of a river, in shady places [River Lugg, Herefordshire. 17 April 1936. TSBE6:149-180]
On pebbly shores of a river, in shady places [River Lugg, Herefordshire. 19 April 1936. TSBE6:149-180]
Edge of loch [Loch Rannoch, North Perthshire. 24 May 1937. TSBE9:151-195]
Edge of loch [Loch Rannoch, North Perthshire. 30 May 1935. TSBE9:151-195]
River bank [River Spey, near Grantown, East Inverness-shire. 31 May 1937. TSBE9:151-195]
Saltmarsh [Gannel Estuary, Cornwall. 10 July 1979. CornwallHets]
Along river banks [River Ribble near Gisburn, VC64. 6 July 1953. EMM90:115-117]
Sandy banks of rivers [Inverness, East Inverness-shire. 21 July 1926. TSBE9:151-195]
Sandy banks of rivers [Inverness, East Inverness-shire. 21 July 1934. TSBE9:151-195]
On moss on rocks at side of stony bottomed river [Rhayadar, Radnor. 21 July 1955. Male and females. EMM92:54-64]
Cliff seepage over clay [Gwydir Bay SSSI, VC49. 8 August 2003. HN23:11]
Base and face of cliff, where it was wet [Black-gang Chine. 12 August. D&S1865]
Among boulders where stream enters a reservoir [Ryders Hill, South Devon. 14 August 1937. TSBE6:149-180]
Sandy part of river bank [River Teign above Newton Abbot, South Devon. 17 August 1937. TSBE6:149-180]
Sandy banks of rivers [Inverness, East Inverness-shire. 12 September 1924. TSBE9:151-195]
River banks/stream edges [Ivybridge, South Devon. 8 October 1934. TSBE9:151-195]
In a pitfall traps set in sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
On river banks [Dumfriesshire. 1934. EMM71:164]
On the margin of a burn tumbling down a glen [Glen Rosa, Isle of Arran, VC100. August 1874. EMM11:118]
By swift stream [Hafod, Cardigan. 1955. EMM92:54-64]
By stream sides [Hilly district round Wooler, Northumberland. 1870. EMM7:182-184]
Along the margin of a lake [Lake Ullswater, Cumberland. EMM51:145-146]
Deep stream [Leyditch brook, near Ashford Carbonell, Shropshire. August 1936. TSBE6:149-180]
In a marsh [Near Rhosneigr, Anglesey. August 1932. EMM68:231-232]
Shingle, banks of a river [River Dee, Llangollen. Saunders1892]
On rocks in a river [River Gwili, Carmarthenshire. March and August. EMM48:187-189]
On the banks of a river [River Irthing, near Edmond Castle, VC70. EMM38:86-87]
Sandy banks of river [River Nethy, East Inverness-shire. TSBE9:151-195]
On banks of a river [River Nethy, Scottish Highlands. PTSLENHS1961:20]
Along a stream [St Bees, Cumberland. August 1924. Adults. EMM61:115-117]
At water edge [Strathglass, Inverness-shire. Summer 1869. EMM7:45-53]

Saldula fucicola (J. Sahlberg) (Saldidae)
On firm, sandy, mudflats bordering a river estuary [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. 18 July 2000. EMM137:162]
On the coast [Folkestone, Deal, Isle of Wight and Stevenstone. EMM11:142-144]
On the shores of a loch [Loch Leven NNR, Scotland. 1990. HSGN10:10]
From gravel patches on the shore line of a loch [Loch Leven, Scotland. EG34:133-134]
On the shore of a loch [Loch Leven, VC85. August 1869 and 1870. EMM11:9-12]
On the banks of a river [River Irthing, near Edmond Castle, VC70. EMM38:86-87]

Saldula melanoscela (Fieber) (Saldidae)
On firm, sandy, mudflats bordering a river estuary [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. 18 July 2000. Male and females. EMM137:162]
On firm, sandy, mudflats bordering a river estuary [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. 20 July 2000. EMM137:162]

Saldula opacula (Zetterstedt) (Saldidae)
- On an area of mud and decayed vegetation (*Typha latifolia* and grass) beside a river [River Ver, Colney Street, Hertfordshire. 10 March 1952. EMM89:32]
- Saltmarsh behind beach [Red Wharf Bay, VC52. 5 April 2000. HN23:12]
- Wet pasture [Foryd (outside LNR), VC49. 8 April 2000. HN23:11]
- On banks of brackish ditches [Felixstowe, Suffolk. 29 April 1897. SuffolkHets]
- *Sphagnum* pool at 710m [Cwm Uchaf, Snowdon, VC49. 27 May 2004. HN23:11]
- From mud at the edge of a peaty pool in blanket bog at 430m [Knockfin Heights, near Kinbrace, East Sutherland (VC107). 5 June 1983. Male and female. EMM125:249]
- Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 14 June 2014. BJENH28:57-58]
- Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 17 June 2014. BJENH28:57-58]
- In a flooded field and on the edge of a flooded mere [Willow Tree Fen, near Spalding, South Lincolnshire (VC53). 20 June 2014. Hem3:73]
- Sweeping the muddy shore of a lake, covered by exposed aquatic vegetation [Near Stanton St John, outside Oxford, VC23. 30 June 2015. Hem3:68]
- On a peaty pool in *Nardus stricta* snow-bed grassland at 990m [Coire nan Clach, below Beinn a' Bhuird, Eastern Cairngorms (VC92). 2 July 1986. Male. EMM125:249]
- Sweeping over the muddy shoreline of a lake [Stanton Harcourt, Oxfordshire. 3/4 July 2014. BJENH28:57-58]
- Sweeping over the muddy shoreline of a lake [Near Stanton St John, Oxford. 17 July 2014. BJENH28:57-58]
- On mud in a dried-up marsh [Mount AlderWood reserve, Sutherland. 27 July 1972. Adults. EMM109:223-225]
- On the edge of a flooded mere. Seen on bare mud springing onto the water when they were disturbed, captured using a pond net [Willow Tree Fen, near Spalding, South Lincolnshire (VC53). 17 August 2014. Hem3:73]
- Fenland, washland and beside permanent water [East Anglia. HSGN12:8]
- Beside brackish ditches in grazing levels [Essex. HSGN12:8]
- Estuarine marshes [Norfolk and Suffolk. S&L1959]
- Beside pools in clay pits [Peterborough. HSGN14:8]

Saldula orthochila (Fieber) (Saldidae)
- In a derelict garden with gravelly soil and sparse stunted vegetation [Blackheath, Kent. 6 April 1968. LondonHets]
- Beneath cracked mud-film [West End Common, Surrey. 11 May 1951. Adults and nymphs. LondonHets]
- Sandhills [Laytown, Meath. 16 June 1894. IrelandHets]
- Site of burnt-out cottage at margin of loch [Loch Garten, Abernethy Forest, East Inverness-shire. 17 June 1937. Adults and nymphs. TSBE9:151-195]
- In a derelict garden with gravelly soil and sparse stunted vegetation [Blackheath, Kent. 23 June 1965. LondonHets]
- In cracks of dried soil [Near station, Oxshott. 30 June 1951. PTSLENHS1951-52:73-74]
- On bare, dry ground amongst heather (*Calluna vulgaris*) near the shore of a moorland reservoir at 1200ft [Slaithwaite Moor, Pennines, Yorkshire. 17 July 1966. EMM106:256]
- On waste plot and under black medick *Medicago lupulina* [Slough, Buckinghamshire. 23 July 1954. LondonHets]
- By pond on mud [West End Common, Surrey. 21 July 1952. LondonHets]
- On bare, dry ground amongst heather (*Calluna vulgaris*) at 850ft [Lindley Moor, Pennines, Yorkshire. 31 July 1966. EMM106:256]
- In a derelict garden with gravelly soil and sparse stunted vegetation [Blackheath, Kent. 5 August 1967. LondonHets]
- On patches of chalk soil beneath rosettes of *Taraxacum* (dandelion) adjacent to a cornfield [Sharpenhoe, Bedfordshire. 4 August 1960. Adult and nymphs. EMM97:32-33]

Site of burnt-out cottage at margin of loch [Loch Garten, Abernethy Forest, East Inverness-shire. 23 August 1939. Adults and nymphs. TSBE9:151-195]
To MV light trap [Trawscoed, Cardigan. 29-30 August 1955. Male. EMM92:54-64]
In a derelict garden with gravelly soil and sparse stunted vegetation [Blackheath, Kent. 6 September 1957. LondonHets]
On shore [Clontarf, Co Dublin. 8 September 1928. IrelandHets]
From sparsely vegetated waste ground [Kew, Surrey. 9 September 1984. BJENH13:67-68]
On footpath, running on patches of dry bare soil [Near Walton Park Wood, Headley, Surrey. 6 September 1964. Adults. LondonHets]
Heaths [Mildenhall, West Suffolk. 13 September 1931. TSBE9:151-195]
In slightly damp, bare sandy areas [Oxshott Heath, Surrey. 17 September 1958. LondonHets]
In a sandpit amongst debris of *Atriplex patula* [Plumstead, Kent. 20 September 1957. LondonHets]
On mud flats [Ruislip Reservoir, Middlesex. 20 September 1934. Ent71:148-153]
On cinder path near railway [Broomhill, Glasgow. 25 September 1957. In copula. EMM94:93]
At roots of plants [Bostall Woods, Kent. 27 September 1958. LondonHets]
Edge of pond [Hillingdon, Middlesex. 26 September 1935. Ent71:148-153]
Jumping on a concrete patio [Woodmancote, Gloucestershire. 29 September 2013. HN22:9]
On ground [West End Common, Surrey. 4 October 1954. LondonHets]
1300ft [Wicklow Gap, Wicklow. 10 October 1926. IrelandHets]
In a pitfall traps set in sheep-grazed upland pasture [ADAS farm, Redesdale, Northumberland. 1990. Ent113:70-81]
On an islet of shingle at 2000ft [Allt Ruadh, Glen Feshie, Cairngorms reserve. July 1968. EMM105:165-166]
On *Epilobium hirsutum* [Bentley Woods, Suffolk. August. SuffolkHets]
Along the edges of a road, under sprawling vegetation [Caerlaverock NNR, Solway Firth, Dumfries-shire. EMM109:60]
At the foot of cliffs [Corton, Suffolk. August 1891. EMM27:277]
From a demolition site [Derby. EMM120:253-258]
From moss [Dumfriesshire. 1934. EMM71:164]
Field margins [England. 2002-2003. EcolEnt32:302–311]
Running over dry, bare mud on the margin of an arable field [Gloucestershire. 2009. HN16:12]
By the side of a stream [Hallival lower slopes, Isle of Rhum, Inner Hebrides. 1960. TSBE18:91-167]
Sandhills [Kidwelly, Carmarthenshire. EMM48:187-189]
By a roadside [Lincolnshire. Butler1923]
Paths, flower beds and lawns of a garden, and up the walls of a house [Maidenhead. June. Adults. EMM99:161-162]
Paths, flower beds and lawns of a garden [Maidenhead. Late May. Nymphs. EMM99:161-162]
Grassland and *Calluna* moor [Moor House NR, Pennines. 1963-1967. Adult. TSBE19:173-235]
Under *Erica* [Mousehold Heath, Norwich. Saunders1892]
On dry banks [Near Forres, Morayshire, VC95. Summer 1877. EMM14:165-167]
Under sparse and stunted herbage on a piece of chalky waste ground adjoining arable land [Near Marlborough, Wiltshire. June 1960. EMM103:22]
From naturally vegetated derelict land [North-west England. 1987/1988. EG43:221-226]
On a building [Pest Infestation Laboratory, Slough. EMM87:274]
Suction traps [Rothamsted Experimental Station, Harpenden. 1953. Males. TRESL112:173-220]
On almost dry stony places [Shetland Isles. July 1877. EMM14:186-187]
In moss near summit [Slieve Gullion, Armagh. IrelandHets]
On cinder-covered waste land, in the open and under black medick [Slough, Buckinghamshire. Ent88:10-17]
On dry banks [Strathglass, Inverness-shire. Summer 1869. EMM7:45-53]
On coastal cliffs [Whitsand Bay, Cornwall. 1875. EMM12:108-109]

Saldula pallipes (Fabricius) (Saldidae)
- Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 11 June 2014. BJENH28:57-58]
- Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 14 June 2014. BJENH28:57-58]
- Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 17 June 2014. BJENH28:57-58]
- Sweeping the muddy shore of a lake, covered by exposed aquatic vegetation [Near Stanton St John, outside Oxford, VC23. 30 June 2015. Hem3:68]
- Sweeping over the muddy shoreline of a lake [Stanton Harcourt, Oxfordshire. 3/4 July 2014. BJENH28:57-58]
- On muddy flood residue around field and pond edges [Lilbourne meadows, VC32. 15 July 2018. Hem6:280]
- Mud-sweeping around the margins of shallow pools at the edge of arable land by a roadside [Near Radstone, VC32. 16 July 2014. Males and females. Hem6:281]
- Sweeping over the muddy shoreline of a lake [Near Stanton St John, Oxford. 17 July 2014. BJENH28:57-58]

Saldula pallipes/palustris AMBIGUOUS (Saldidae)
- Muddy places [Wareham. 10 June. D&S1865]
- From flooded gravel-pit [Wraysbury, Buckinghamshire. 9 June 1959. EMM96:152]
- Small pool in a rock basin close to the sea [Near Coosatorn, near Lough Ine, near Skibbereen, West Cork. 5 July 1937. Male. TSBE6:149-180]
- Running about in an erratic manner [Island in Lough Ine, near Skibbereen, West Cork. 8 July 1937. TSBE6:149-180]
- On marshy ground adjacent to sandhills [Tramore, Co Waterford. 6 July 1901. IrelandHets]
- On damp sand near sea [Tragemona Lough, near Skibbereen, West Cork. 17 July 1937. TSBE6:149-180]
- Tidal flats [Culbin Sands, Moray Firth, Elgin. 22 July 1936. TSBE9:151-195]
- Amongst *Glyceria fluitans* in a brackish delph [Ingoldmells, Lincolnshire. 21 July 1932. EMM68:213-214]
- Marsh [Near Wexford, Co Wexford. 25 July 1925. IrelandHets]
- Salt marsh [Holyhead Island, Angelsey. 8 August 1941. Adults and nymphs. TSBE8:169-230]
- On mud beside tidal creeks; and where sand gave way to mud behind the beach and fringing the salt marsh [Yarmouth, Isle of Wight. 7 August 1957. ERJV74:247]
- On the banks of a river [River Thames, Higham, Kent. 12 August 1962. EMM98:188]
- From flooded gravel-pit [Wraysbury, Buckinghamshire. 17 August 1960. EMM96:152]
- On mudflats of estuary [Harty Ferry, Swale estuary, Isle of Sheppey, Kent. 29 August 1962. EMM98:188]
- On marshy ground [Birling, Kent. 4 September 1953. LondonHets]
- River bank [River Lea, East Hyde, Bedfordshire. 5 September 1945. EMM86:6-8]
- Mud-flats below high tide mark [Aust/New Passage, West Gloucestershire. 11 September 1935. TSBE6:149-180]
- On the mud at the edge of a pond [High Halstow marshes, Kent. 6 October 1962. EMM98:188]
- By ponds [Epping Forest, Essex. 22 October 1964. LondonHets]
- On mud at edge of *Spartina* on mud flats [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
- On mud-flats [Barmouth, Merioneth. August/September 1927. EMM64:62-64]
- At rest on the clay of sea cliffs, where water oozes out [Boscombe Chine, Bournemouth. September 1871. EMM11:9-12]
- On the banks of pools of brackish water [Deal. July. D&S1865]
- Near water of an estuary [Eden Estuary, Cumberland. 1916. EMM53:112-113]
- In a salt marsh [Goleen, Co Cork. Ent67:129-130]
- On mud of river banks [Gretna and Browhouses, Dumfriesshire. EMM72:96]
- Mud on river banks [Gretna Browhouses, Dumfriesshire. TSBE9:151-195]

Salt marshes [Higham, Kent. EMM98:188]
By stream sides [Hilly district round Wooler, Northumberland. 1870. EMM7:182-184]
On muddy parts of wasteground, and on gravel at the edge of water [Hounslow Heath, Middlesex. Ent86:34-40]
In a marsh among *Spartina striata* [Hythe, near Southampton Water. Autumn. EMM11:9-12]
Lake shores [Killarney, North Kerry. IrelandHets]
Salt marsh [Lough Hyne, West Cork. IrelandHets]
Tidal flats [Lymington, South Hampshire. TSBE9:151-195]
Salt marshes [Near Belfast, Co Down. IrelandHets]
Along the coast at high tide mark on the mud, running and hopping among plants [North Somerset. TSBE8:231-290]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
Estuary [River Shannon, Limerick. February 1926. IrelandHets]
On estuarine mudflats [River Stour. Adults and nymphs. S&L1959]
On the shore [Southampton. September 1863. EMM11:9-12]
Among *Salicornia* [St Leonard's Quay, South Hampshire. August 1936. TSBE6:149-180]
On tidal flats [St Osyth, North Essex. TSBE9:151-195]
Edges of salt-marsh on tidal flats [Studland, Dorset. TSBE9:151-195]
Brackish ditches, on the coast, under seaweed [Suffolk. SuffolkHets]
Marsh [Youghal, Easl Cork. August 1933. IrelandHets]

Saldula palustris (Douglas) (Saldidae)
Coastal cliffs [Eype's Mouth, VC9. 20 July 2009. Hem3:109]
On firm, sandy, mudflats bordering a river estuary [Mouth of River Wampool, at Whitrigg Bridge near Kirkbride, Solway coast, Cumberland. 18 July 2000. EMM137:162]
From patches of mud between drifts of purple Sea-Lavender on saltings [Blackwater Estuary, North Essex. 25 August 1984. HSGN4:4]
On foreshore [Kinloch, Isle of Rhum, Inner Hebrides. 1960-1962. TSBE18:91-167]
Widespread on saltmarsh areas [Pagham Harbour, VC13. 1995 and 2009. Hem4:150]
Suction sampling *Spartina anglica* [Poole Harbour, Dorset. August 1970. EMM108:66-79]
From saltmarsh [Severn Estuary, Somerset. EG39:235-246]
Salt marsh on tidal river bank [Welwick Salt Marsh, River Humber, SE Yorkshire. EMM116:40]

Saldula pilosella (Thomson) (Saldidae)
On salt marsh [Higham, Kent. 23 April 1946. LondonHets]
Saline ditch just behind coastal embankment [Seawall Farm, near Kingston Seymour, North Somerset. 17 May 1937. TSBE8:231-290]
On marshy ground adjacent to sandhills [Tramore, Co Waterford. 6 July 1901. IrelandHets]
Pond by cement works [Higham, Kent. 27 July 1951. LondonHets]
On part sandy part muddy shores of the salterns, close to the water's edge; also inland on the mud by a roadside ditch [Near Lymington, South Hampshire. 5 August 1957. Adults, tenerals and nymphs. ERJV70:197-198]
Shallow pan in sandy peat [Lodmoor, near Weymouth, Dorset. 15 August 1938. TSBE9:151-195]
On mud [Gravesend, Kent. 24 September 1905. LondonHets]
Tidal rejectamenta [Abbotsbury. TSBE9:151-195]
In estuarine salt marshes, brackish pools on raised beaches, and in freshwater marshes [British Isles. S&L1959]
On banks [Broads of Eastern Counties. Butler1923]
On mudflat of estuary [Caerlaverock NNR, Solway Firth, Dumfries-shire. EMM109:60]
By the muddy side of drains [edge of Thorne Moors, Yorkshire. 1976. EMM116:40]
Saltings [Kilnsea, SE Yorkshire. EMM116:40]
On a muddy shore [Kings Marshes, Orford Ness, East Suffolk. September 2002. HN1:6]
Tidal flats [Lymington, South Hampshire. TSBE9:151-195]

Among marginal vegetation and on mud of ditch. When alarmed, hops, flies or goes onto surface of water [Near Clevedon, North Somerset. TSBE8:231-290]
Coastal marshes [Norfolk. EMM30:101-106]
At a brackish pond [North Ferriby, SE Yorkshire. 1977. EMM116:40]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
From saltmarsh [Severn Estuary, Somerset. EG39:235-246]
Marsh between sea and tidal flats [Studland, Dorset. TSBE9:151-195]
In coast salt marshes [Suffolk. SuffolkHets]

Saldula saltatoria (Linnaeus) (Saldidae)
Quiescent in soft heartwood of fallen hawthorn [Broadway, Worcestershire. 1 March 1989. Adult. EMM129:60]
Muddy stream banks [Hummocky Field, Totternhoe, Bedfordshire. 10 March 1945. EMM86:6-8]
River [Afon Erch, Caernarvonshire. 10 April 1941. TSBE8:169-230]
Artificial trout pool, on a mass of decaying vegetation [Croft Park, Herefordshire. 17 April 1936. TSBE6:149-180]
On river banks of fine gravel [River Lugg, Herefordshire. 17 April 1936. TSBE6:149-180]
On river banks of fine gravel [River Lugg, Herefordshire. 19 April 1936. TSBE6:149-180]
River [Afon Rhyd-hir, Caernarvonshire. 22 April 1941. TSBE8:169-230]
By pond [Epsom Common, Surrey. 4 May 1970. LondonHets]
Marshy ground [Fancott Gravel Pit, Luton, Bedfordshire. 3 May 1947. EMM86:6-8]
On shore under seaweed at high tide [Abererch, Caernarvonshire. 10 May 1941. Adult. TSBE8:169-230]
Around the shores of a lake [Loe Pool, Cornwall. 20 May 2003. CornwallHets]
Off oak [Valency Valley, Cornwall. 17 May 1990. CornwallHets]
Streamside [Holywell, Cornwall. 30 May 1989. CornwallHets]
On mud at edge of pond [Arbrook Common, Surrey. 3 June 1940. LondonHets]
From mud at the edge of a peaty pool in blanket bog at 430m [Knockfin Heights, near Kinbrace, East Sutherland (VC107). 5 June 1983. Male and female. EMM125:249]
Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 11 June 2014. BJENH28:57-58]
Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 14 June 2014. BJENH28:57-58]
On path [West End Common, Surrey. 11 June 1951. LondonHets]
Sweeping over unvegetated wet mud [New Marston Meadows, Oxford. 17 June 2014. BJENH28:57-58]
Around the shores of a lake [Loe Pool, Cornwall. 24 June 2003. CornwallHets]
On firm sandy mudded edge of pond [Esher Common, Surrey. 26 June 1964. LondonHets]
Sweeping the muddy shore of a lake, covered by exposed aquatic vegetation [Near Stanton St John, outside Oxford, VC23. 30 June 2015. Hem3:68]
Peat pools [Bealararee Marsh, near Skibbereen, West Cork. 5 July 1937. TSBE6:149-180]
In bog [Lough Ballyally, near Skibbereen, West Cork. 5 July 1937. TSBE6:149-180]
Sweeping over the muddy shoreline of a lake [Stanton Harcourt, Oxfordshire. 3/4 July 2014. BJENH28:57-58]
Brackish pools behind a beach [Tralispean, West Cork. 5 July 1937. TSBE6:149-180]
Trampled margins of a river [River Itchen, Hampshire. 8-9 July 1994. BJENH8:165-169]
Along river banks [River Ribble near Gisburn, VC64. 6 July 1953. EMM90:115-117]
Pools in gravel-pit [Killarney, South Kerry. 12 July 1937. TSBE6:149-180]
On muddy flood residue around field and pond edges [Lilbourne meadows, VC32. 15 July 2018. Hem6:280]
On dried mud, in hollow in field [Derwenlas, Montgomery. 20 July 1955. Males and females. EMM92:54-64]
By side of stream [Gelli-gogh, near Machynlleth, Montgomery. 20 July 1955. Females. EMM92:54-64]

Mud-sweeping around the margins of shallow pools at the edge of arable land by a roadside [Near Radstone, VC32. 16 July 2014. Hem6:281]
Sweeping over the muddy shoreline of a lake [Near Stanton St John, Oxford. 17 July 2014. BJENH28:57-58]
Beating/sweeping [The Chase (National Trust), Broad Layings, VC12. 17 July 2015. Hem3:55]
Dune slacks [Ynyslas, Cardigan. 17 July 1955. Males, females and nymphs. EMM92:54-64]
By stream [Llangurig, Montgomery. 21 July 1955. Males. EMM92:54-64]
On shore of a reservoir [Nantyrarian reservoir, near Ponterwyd, Cardigan. 21 July 1955. Female. EMM92:54-64]
On moss on rocks at side of stony bottomed river [Rhayadar, Radnor. 21 July 1955. Males and female. EMM92:54-64]
On banks of a river [River Teifi, Tregaron Bog, Cardigan. 22 July 1955. Males, females and nymphs. EMM92:54-64]
By ditch [St Davids, Pembroke. 21 July 1954. Male and females. EMM92:54-64]
Brackish pool [Pwllheli, Caernarvonshire. 28 July 1941. TSBE8:169-230]
On gravel and shingle beaches, and sweeping in a marsh [Creinch, Loch Lomon NNR, Dumbartonshire. 4 August 1967. EMM114:21-24]
Fish-pond [Near Badminton Park, West Gloucestershire. 3 August 1937. TSBE6:149-180]
On shingle shores and on rocky shores [Torrinch, Loch Lomond NNR, Dumbartonshire. 4 August 1967. EMM114:21-24]
On stony beach [Aber Isle, Loch Lomond NNR, Dumbartonshire. 8 August 1967. EMM114:21-24]
On shingle areas of the shore [Clairinsh, Loch Lomond NNR, Stirlingshire. 6 August 1967. EMM114:21-24]
Salt marsh [Holyhead Island, Angelsey. 8 August 1941. TSBE8:169-230]
Lake [Llyn Hendref, east of Gwalchmai, Angelsey. 8 August 1941. TSBE8:169-230]
On a shore, and on bare mud and sand inland [Mainland area, Loch Lomond NNR, Dumbartonshire. 8 August 1967. EMM114:21-24]
Pools behind sand-dunes [Malldraeth Sands, Anglesey. 7 August 1941. TSBE8:169-230]
On inter-tidal mud of sea inlet [Near Bangor, Caernarvonshire. 8 August 1941. Adults and nymph. TSBE8:169-230]
Pool in heathland [Near Beaulieu, South Hampshire. 10 August 1937. TSBE6:149-180]
Dew-pond [Near Tilshead, South Wiltshire. 8 August 1937. TSBE6:149-180]
Dew-ponds [Roundway Hill, North Wiltshire. 7 August 1937. TSBE6:149-180]
At roots of *Carex flacca* [Ruislip LNR, Middlesex. 9 August 1954. Adults and nymphs. LondonHets]
Pools on sandy clay cliffs [Highcliffe, South Hampshire. 11 August 1937. TSBE6:149-180]
Sweeping in a water meadow [Near Cogges Manor Farm, Witney, Watsonian Oxfordshire. 11 August 2009. Hem1:33]
Peat mud, *Erica* pools in hollows on moor [West of Studland, Dorset. 11 August 1937. TSBE6:149-180]
River [Afon Erch, Caernarvonshire. 16 August 1941. Adults and nymphs. TSBE8:169-230]
River estuary [Afon Rhyd-hir, Caernarvonshire. 20 August 1941. Adults and nymph. TSBE8:169-230]
Clay-pit pools [Near Newton Abbot, South Devon. 18 August 1937. TSBE6:149-180]
Dried-up ditch with damp mud [Near Tyn-y-coed, Abererch, Caernarvonshire. 19 August 1941. Adults and nymphs. TSBE8:169-230]
Shingle-banks of a river [River Teign above Newton Abbot, South Devon. 17 August 1937. TSBE6:149-180]
Ditch [Tyn-y-coed, Abererch, Caernarvonshire. 19 August 1941. Adults and nymphs. TSBE8:169-230]
River [Afon Erch, Caernarvonshire. 23 August 1941. TSBE8:169-230]
Muddy pool [Near Abererch, Caernarvonshire. 25 August 1941. Nymphs. TSBE8:169-230]
Brackish pool [Pwllheli, Caernarvonshire. 22 August 1941. TSBE8:169-230]

On mud and pond weed [Spaniards Pond, Hampstead Heath, Middlesex. 21 August 1949. LondonHets]
River [Afon Erch, Caernarvonshire. 29 August 1941. TSBE8:169-230]
River estuary [Afon Rhyd-hir, Caernarvonshire. 26 August 1941. Adults and nymphs. TSBE8:169-230]
Brackish pool on the coast [Near Caernarvon, Caernarvonshire. 28 August 1941. Adults and nymphs. TSBE8:169-230]
Marshy banks [Gt. Drakelow Pond, Woburn Park, Bedfordshire. 4 September 1948. EMM86:6-8]
On dried-up pond [Llanrhystyd, Cardigan. 3 September 1955. EMM92:54-64]
Among short grass of a dry lawn [Grounds of Rothamstead Experimental Station, Harpenden, Hertfordshire. 7-8 September 1953. EMM90:35]
Sweeping [Headley Lane, Surrey. 11 September 1904. LondonHets]
Pond [Richmond Park, Surrey. 19 September 1937. TSBE6:149-180]
On mud by duck pond [Epping Green, Essex. 25 September 1964. LondonHets]
On a river wall [River Thames, Belvedere, North Kent. 12 October 1984. ERJV101:47-49]
Running over pebbles on a shelf [Tropical Pits, Kew Gardens, Surrey. 18 October 1948. LondonHets]
By pond [Epping Forest, Essex. 22 October 1964. LondonHets]
Around the shores of a pond [Abbey Pond, Isles of Scilly. August 1964/1965. EMM102:67-69]
At brackish ditches [Bawdsey, Suffolk. SuffolkHets]
From abandoned metalliferous mine site [Binner Downs, Cornwall. BJENH21:205-214]
On mudflats below a seawall [Brownsea Island, Poole Harbour, Dorset. 2006/2007. EG60:37-71]
On soft mud around the edges of a pond [Caerlaverock NNR, Solway Firth, Dumfries-shire. EMM109:60]
At margins of ditches, streams and rivers [Caernarvonshire. 1941. TSBE8:169-230]
Parting grass on coastal sandy slopes [Coast opposite St. Mary's Island, Northumberland, VC67. December 1865. EMM2:207]
Among rocks and boulders by the edge of low-lying lakes [Connemara, West Galway. 1986. Hem3:116]
Dried-up pond on chalk [Cranborne, Dorset. TSBE9:151-195]
Damp place in woods [Crichel, Dorset. TSBE9:151-195]
Beating a dry hedge-bank [Cumberland. February 1916. EMM53:112-113]
On peat mosses and along river banks [Dumfriesshire. 1934. EMM71:164]
Meadow-pond [Easthampton, Herefordshire. August 1936. TSBE6:149-180]
On the margin of a burn tumbling down a glen [Glen Rosa, Isle of Arran, VC100. August 1874. EMM11:118]
In a salt marsh [Goleen, Co Cork. Ent67:129-130]
By stream sides [Hilly district round Wooler, Northumberland. 1870. EMM7:182-184]
By sandy edge of mill-stream [Horton Kirby, Kent. 1969. LondonHets]
On muddy parts of wasteground, and on gravel at the edge of water [Hounslow Heath, Middlesex. Ent86:34-40]
On mossy rocks [Inchcailloch, Loch Lomond NNR, Stirlingshire. 1966/1967. EMM114:21-24]
On mud and shingle and below rocks [Inchcailloch, Loch Lomond NNR, Stirlingshire. 1966/1967. EMM114:21-24]
Garden pond [Ireland. HN6:2]
On foreshore, along moorland streams, muddy patches, around peat pools up to 1500ft, and around a mossy spring [Isle of Rhum, Inner Hebrides. 1960-1963. TSBE18:91-167]
On mud-flats where *Salicornia* and other salt-plants grew. Allowed itself to be submerged by the incoming tide, holding on to a plant stem [Lelant Harbour, West Cornwall. September 1888. EMM25:236-237]
Small deep lake [Llyn Cororion, near Bangor, Carnarvonshire. April 1935. TSBE6:149-180]
In wet places on a moor, and on mountain sides [Loch Rannoch, VC88. June/July 1866. EMM3:118]
Salt marsh [Lough Hyne, West Cork. IrelandHets]
Juncus effusus [Moor House NR, Pennines. 1963-1967. Adult. TSBE19:173-235]

Near a mill pond [Mundesley, Norfolk. 1925. Male. EMM63:12-13]
Marsh [Near Dromahair, Leitrim. July 1932. IrelandHets]
Tiny muddy rain-water pool [Near Tenbury Wells, Worcestershire. August 1936. TSBE6:149-180]
On exposed damp mud and sand at the margin of water (pond, pool, lake, reservoir, river, stream); and on damp places in coastal sand-hills [North Somerset. TSBE8:231-290]
From naturally vegetated derelict land [North-west England. 1987/1988. EG43:221-226]
Jumping about in the short damp herbage [Oxshott. Ent24:261-263]
In *Juncus bulbosus* in dried-up pools, and on bare wet areas [Oxshott Heath, Surrey. Summer 1922-1923. LondonHets]
Ponds on heath [Parley, Dorset. TSBE9:151-195]
At roots of grass [Redhill Common. LondonHets]
On houses [Reigate, Surrey. LondonHets]
Among blocks of stone on a crumbling weir [River Arrow, near Staunton, Herefordshire. August 1935. TSBE6:149-180]
Tidal river bank [River Medway, near Maidstone, East Kent. TSBE9:151-195]
Tidal river bank [River Medway, near Maidstone, West Kent. TSBE9:151-195]
River [River Teme at Leintwardine, Herefordshire. August 1936. TSBE6:149-180]
Wet places in sand-dunes [Studland, Dorset. TSBE9:151-195]
At roots of marram grass on sandhills [Tenby, Pembrokeshire. Male and female. EMM88:22]

Saldula setulosa (Puton) (Saldidae)
Tidal rejectamenta lying on *Spartina* on mud-flats [Arne, Dorset. TSBE9:151-195]
Among flood refuse [Poole Harbour. August 1904. Male adult. EMM40:275-276]
Suction sampling *Spartina anglica* [Poole Harbour, Dorset. August 1970. EMM108:66-79]
From sandy silt between the edge of a heath and high water mark [Poole Harbour, Dorset. S&L1959]
Tidal rejectamenta lying on *Spartina* [Studland, Dorset. TSBE9:151-195]

Teloleuca pellucens (Fabricius) (Saldidae)
On bare, dry ground amongst heather (*Calluna vulgaris*) near the shore of a moorland reservoir at 1200ft [Slaithwaite Moor, Pennines, Yorkshire. 17 July 1966. Male. EMM106:256]
On bare, dry ground amongst heather (*Calluna vulgaris*) at 850ft [Lindley Moor, Pennines, Yorkshire. 31 July 1966. Female. EMM106:256]
On *Calluna* moor [Moor House NR, Pennines. 3 September 1963-1967. Adult. TSBE19:173-235]
On an islet of shingle at 2000ft [Allt Ruadh, Glen Feshie, Cairngorms reserve. July 1968. EMM105:165-166]
On banks of a mountain loch [Aviemore. EMM13:112]
In the bed of a dried-up burn [Caillich Burn, Mid-Perthshire. June 1932. EMM68:209-213]
On the drier parts of exposed peat amongst heather [Fountains Fell, Yorkshire. July 1956. EMM106:256]
Running among dry, mossy rock fragments, in the angle formed by the junction of two mountain streams [Glen Einich, Cairngorms NNR. June 1967. Adults and nymphs. EMM104:113]
Among stones by the side of a mountain stream [Glen Einich, Cairngorms reserve. June 1965. Adult and nymphs. EMM101:143-144]
On the drier parts of exposed peat amongst heather [Malham Tarn Moss, Yorkshire. August 1955. EMM106:256]
On mountains [Near Rannoch, Perthshire. June 1866. EMM4:93-100]
Among streamside stones [Ribblesdale, Yorkshire and Inverpolly, Ross & Cromarty. EMM101:143-144]
On elevated moors [Scotland. June/July. EMM23:43-44]
Amongst *Sphagnum* in upland bogs [Scotland. S&L1959]
At water edge [Strathglass, Inverness-shire. Summer 1869. EMM7:45-53]
In little inlets around peaty pools. Seen swimming on the water surface when alarmed [West Allen, NE England. Ent51:2-5]

Amongst the boulders on the shore of a small mountain lake at 2000ft [Whitfield Lough, Whitfield Fell, Northumberland. Ent51:2-5]

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as *Char. cincta* EMM91:7-27
as *Chartoscirta cincta* BJENH21:1-15, CornwallHets, EG20:125-135, EG61:243-250, EMM133:17-26, EMM81:183-185, EMM84:125-127, EMM90:250, EMM92:150-153, EMM93:56, Ent86:240-242, Ent86:34-40, Ent87:45-53, ERJV70:197-198, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:18, Hem2:37, Hem2:43, Hem3:10, Hem3:34, Hem3:35, Hem3:47, Hem3:55, Hem3:80, Hem3:91, Hem4:108, Hem4:11, Hem4:129, Hem4:139, Hem4:34, Hem4:77, Hem4:92, Hem5:10, Hem5:111, Hem5:125, Hem5:141, Hem5:153, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:176, HN17/18:25, HN19/20:8, HN23:11, HN23:12, HSGN1:13, HSGN1:17, HSGN10:11, HSGN11:6, HSGN11:9, HSGN12:11, HSGN14:8, LondonHets, PTSLENHS1951-52:71-72, PTSLENHS1962:123-183, S&L1959, TRESL92:417-452, TSBE1:51-84, TSBE11:245-280, TSBE16:1-48, TSBE6:149-180, TSBE8:231-290, TSBE9:151-195
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Chartoscirta cocksii (Curtis) (Saldidae)
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as *Char. cocksii* EMM91:7-27
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as *Salda cocksi* Butler1923, EMM68:38-39, Ent47:146-147, PSLENHS1898:16-23, TSBE9:151-195
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as *Salda cocksii* EMM50:284-285, EMM60:39, EMM69:234-245, Ent27:222, Ent41:254, PSLENHS1908-09:69, TSBE8:169-230
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as *Salda elegantula* D&S1865

Chartoscirta elegantula (Fallén) (Saldidae)
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as *Char. elegantula* EMM91:7-27
as *Char. elegantula var. flori* EMM91:7-27
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Chiloxanthus pilosus (Fallén) (Saldidae)

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as *Chil. pilosus* EMM91:7-27

as *Chiloxanthus pilosa* TSBE8:231-290

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Halosalda lateralis (Fallén) (Saldidae)

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Macrosaldula scotica (Curtis) (Saldidae)

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Hem5:125, Hem5:141, Hem5:169, Hem5:198, Hem5:208, Hem5:21, Hem6:178, HN17/18:25, HN7:16, HN9:5
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Micracanthia marginalis (Fallén) (Saldidae)
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as *M. marginalis* EMM81:253-273
as *Micra. marginalis* EMM91:7-27
as *Micracanthia marginalis* EMM116:40, EMM133:79-80, EMM134:265-266, EMM84:125-127, EMM95:287-288, EMM99:161-162, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:45, Hem3:10, Hem4:11, Hem4:139, Hem4:34, Hem4:77, Hem4:92, Hem5:10, Hem5:111, Hem5:198, Hem5:65, Hem6:178, HN9:2, HN9:5, HN9:6, HSGN1:5, HSGN12:8, HSGN8:10, LondonHets, PTBENHS18:20, PTSLENHS1962:123-183, S&L1959, TSBE11:245-280, TSBE9:151-195
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Salda littoralis (Linnaeus) (Saldidae)
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as *Solda littoralis* ERJV21:272-276

Salda morio Zetterstedt (Saldidae)
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Salda morio/muelleri AMBIGUOUS (Saldidae)
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as *S. muelleri* EMM81:253-273
as *Sal. morio* EMM91:7-27
as *Sal. mulleri* EMM91:7-27
as *Salda morio* Butler1923, EMM13:112, EMM23:43-44, EMM3:118, EMM30:64-65, EMM31:236-238, EMM43:196-202, EMM66:203, EMM69:234-245, EMM79:257, EMM82:66, EMM84:125-127, EMM86:116, EMM92:150-153, Ent51:2-5, Ent74:247-254, HantsHets, IrelandHets, Saunders1892, Synopsis1875, TRESL92:417-452
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as *Salda oculata* Butler1923, HantsHets, IrelandHets, TRESL92:417-452, TSBE6:149-180, TSBE8:169-230

Salda muelleri (Gmelin) (Saldidae)
as *Salda muelleri* BJENH5:188, BJENH5:77, BJENH5:77-78, EMM101:143-144, EMM104:113, EMM105:165-166, EMM116:40, EMM94:190-192, EMM97:199-200, Ent113:70-81, Hem1:12, Hem1:58, Hem1:59, Hem2:41, Hem2:43, Hem2:45, Hem2:6, Hem3:10, Hem3:34, Hem3:35, Hem4:11, Hem4:129, Hem4:34, Hem4:77, Hem4:92, Hem5:10, Hem5:111, Hem5:141, Hem5:153, Hem5:170, Hem5:199, Hem5:208, Hem5:21, Hem6:179, HN17/18:21, HN17/18:25, HN23:7, HSGN1:16, HSGN1:18, HSGN10:10, HSGN10:12, HSGN11:2, HSGN11:7, HSGN12:13, S&L1959
as *Salda mulleri* Hem1:101

Saldula arenicola (Scholtz) (Saldidae)
as *Acanthia arenicola* EMM16:172-175
as *S. arenicola* EMM81:253-273
as *Sal. arenicola* EMM91:7-27
as *Salda arenicola* Butler1923, EMM69:234-245, EMM7:156-157, EMM7:189, EMM8:136-137, EMM8:23-29, EMM84:125-127, Ent5:252, HantsHets, Saunders1892, Synopsis1875
as *Saldula arenicola* BJENH4:119-121, BJENH4:43, BJENH7:174-175, EMM134:265-266, EMM84:125-127, EMM84:236, EMM92:150-153, Ent99:190-192, ERJV70:197-198, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:10, Hem3:47, Hem4:11, Hem4:139, Hem4:78, Hem5:10, Hem5:111, Hem5:125, Hem5:170, Hem5:199, Hem5:97, Hem6:180, HSGN10:14, HSGN10:3, HSGN11:2, HSGN12:8, HSGN8:10, PTBENHS17:18, PTBENHS18:20, S&L1959, TSBE6:149-180, TSBE9:151-195

Saldula c-album (Fieber) (Saldidae)
as *Acanthia c-album* EMM14:186-187, EMM16:172-175, EMM71:164, TSBE1:51-84
as *Acanthia stellata* EMM16:172-175
as *S. c-album* EMM81:253-273, EMM82:94-95
as *Sal. c-album* EMM91:7-27
as *Salda c.album* EMM68:231-232

as *Salda c-album* EMM14:165-167, EMM17:10-15, EMM20:19, EMM29:92-93, EMM44:32-34, EMM48:187-189, EMM51:145-146, EMM53:14-15, EMM61:115-117, HantsHets, TSBE8:169-230, TSBE9:151-195
as *Salda C-album* Butler1923, EMM38:86-87, IrelandHets, Saunders1892, Synopsis1875
as *Salda stellata* D&S1865, EMM11:118, EMM11:9-12, EMM17:10-15, EMM69:234-245, EMM7:182-184, EMM7:45-53
as *Saldula c-album* CornwallHets, EMM137:162, EMM84:125-127, EMM84:236, EMM90:115-117, EMM92:150-153, EMM92:54-64, EMM94:93, Ent113:70-81, GloucsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:18, Hem2:37, Hem3:10, Hem3:47, Hem4:11, Hem4:129, Hem4:53, Hem4:57, Hem4:78, Hem4:92, Hem5:10, Hem5:111, Hem5:125, Hem5:141, Hem5:153, Hem5:170, Hem5:199, Hem5:21, Hem5:97, Hem6:180, HN17/18:25, HN23:11, HSGN1:17, HSGN1:18, HSGN10:12, HSGN11:6, HSGN12:12, PTSLENHS1961:20, S&L1959, TRESL92:417-452, TSBE6:149-180, TSBE8:231-290, TSBE9:151-195

Saldula fucicola (J. Sahlberg) (Saldidae)
as *Acanthia fucicola* EMM14:186-187
as *Acanthia vestita* EMM16:172-175
as *Salda fucicola* EMM11:142-144, Ent10:9-15
as *Salda furcicola* BJENH5:77-78
as *Salda saltatoria var. vestita* EMM29:92-93, Saunders1892
as *Salda vestita* EMM11:9-12, EMM17:10-15, EMM38:86-87, Ent10:9-15, HantsHets
as *Saldula fucicola* BJENH25:205-215, EG34:133-134, EMM137:162, Hem1:12, Hem1:58, Hem1:59, Hem3:10, Hem4:11, Hem5:10, Hem5:111, Hem5:170, Hem5:199, Hem6:181, HSGN1:17, HSGN1:18, HSGN1:5, HSGN10:10, HSGN10:12, HSGN10:14, HSGN11:6, HSGN12:11, HSGN12:8, HSGN4:A10, HSGN8:10
as *Saldula vestita* BJENH25:205-215, EMM92:150-153, EMM94:93, S&L1959

Saldula melanoscela (Fieber) (Saldidae)
as *Acanthia costalis* EMM16:172-175
as *Acanthia melanoscela* EMM16:172-175
as *Saldula melanoscela* BJENH25:205-215, EMM137:162, Hem1:12, Hem1:58, Hem1:59, Hem3:10, Hem4:53, Hem4:57, Hem4:59, Hem4:78, Hem5:10, Hem5:111, Hem6:181

Saldula opacula (Zetterstedt) (Saldidae)
as *S. opacula* EMM81:253-273
as *Sal. opacula* EMM91:7-27
as *Salda opacula* Butler1923, EMM11:142-144, EMM11:9-12, EMM14:165-167, EMM40:275-276, Ent10:9-15, HantsHets, Saunders1892, SuffolkHets, Synopsis1875
as *Saldula opacula* BJENH28:57-58, BJENH7:174-175, EMM109:223-225, EMM125:249, EMM89:32, EMM92:150-153, EMM94:93, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:10, Hem3:101, Hem3:34, Hem3:35, Hem3:68, Hem3:73, Hem3:80, Hem4:108, Hem4:11, Hem4:129, Hem4:139, Hem4:34, Hem4:78, Hem5:11, Hem5:111, Hem5:153, Hem5:170, Hem5:199, Hem5:209, Hem5:32, Hem5:65, Hem6:181, HN23:11, HN23:12, HN9:5, HN9:6, HSGN1:17, HSGN1:18, HSGN1:5, HSGN12:8, HSGN14:8, HSGN8:10, LondonHets, S&L1959, TRESL92:417-452

Saldula orthochila (Fieber) (Saldidae)
as *Acanthia orthochila* EMM14:186-187, EMM71:164, TSBE1:51-84
as *S. orthochila* EMM81:253-273
as *Sal. orthochila* EMM91:7-27
as *Salda orthochila* Butler1923, D&S1865, EMM12:108-109, EMM14:165-167, EMM27:277, EMM29:35-37, EMM30:64-65, EMM4:93-100, EMM48:187-189, EMM60:37-39, EMM68:231-232, EMM69:234-245, EMM7:45-53, EMM84:125-127, Ent71:148-153, HantsHets, IrelandHets, PSLENHS1898:16-23, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280, TSBE8:169-230, TSBE9:151-195

as *Saldula orthochila* BJENH13:67-68, CornwallHets, EcolEnt32:302–311, EG43:221-226, EMM103:22, EMM104:113, EMM105:165-166, EMM106:256, EMM109:60, EMM120:253-258, EMM84:125-127, EMM87:274, EMM92:150-153, EMM92:54-64, EMM94:93, EMM97:32-33, EMM99:161-162, Ent113:70-81, Ent88:10-17, Ent92:6-13, GloucsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:18, Hem2:24, Hem2:37, Hem3:10, Hem3:34, Hem3:35, Hem3:47, Hem3:80, Hem4:108, Hem4:11, Hem4:139, Hem4:34, Hem4:46, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:125, Hem5:141, Hem5:144, Hem5:153, Hem5:170, Hem5:199, Hem5:209, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:182, Hem6:221, Hem6:232, HN10:5, HN16:12, HN17/18:25, HN17/18:3, HN22:9, HSGN1:13, HSGN1:17, HSGN10:12, HSGN11:7, HSGN12:12, LondonHets, PTSLENHS1951-52:73-74, PTSLENHS1962:123-183, PTSLENHS1965:59-60, PTSLENHS1966:118, S&L1959, TRESL112:173-220, TRESL92:417-452, TSBE16:1-48, TSBE18:91-167, TSBE19:173-235, TSBE8:231-290, TSBE9:151-195

Saldula pallipes (Fabricius) (Saldidae)
as *Saldula pallipes* BJENH28:57-58, EMM116:40, Ent99:190-192, GloucsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:24, Hem2:6, Hem3:101, Hem3:11, Hem3:47, Hem3:52, Hem3:68, Hem3:80, Hem4:108, Hem4:11, Hem4:145, Hem4:149, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:137, Hem5:146, Hem5:170, Hem5:199, Hem5:21, Hem6:182, Hem6:234, Hem6:280, Hem6:281, HN17/18:25, HSGN1:13, HSGN1:17, HSGN10:14, HSGN11:10, HSGN14:8, HSGN4:A6, TSBE18:91-167

Saldula pallipes/palustris AMBIGUOUS (Saldidae)
as *Acanthia pallipes* EMM16:172-175, EMM72:96, TSBE1:51-84
as *Acanthia palustris* EMM16:172-175
as *S. pallipes* EMM81:253-273, EMM82:94-95
as *S. palustris* EMM81:253-273
as *Sal. pallipes* EMM91:7-27
as *Sal. palustris* EMM91:7-27
as *Salda pallipes* Butler1923, D&S1865, EMM12:29-30, EMM14:165-167, EMM16:217-220, EMM17:10-15, EMM25:237-238, EMM29:35-37, EMM31:236-238, EMM40:275-276, EMM48:187-189, EMM53:112-113, EMM60:39, EMM64:62-64, EMM68:213-214, EMM69:234-245, EMM7:182-184, EMM8:23-29, Ent10:9-15, Ent67:129-130, HantsHets, IrelandHets, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280, TSBE8:169-230, TSBE9:151-195
as *Salda pallipes var. dimidiata* IrelandHets
as *Salda pallipes var. palustris* Saunders1892
as *Salda palustris* EMM11:9-12, EMM31:236-238, Ent10:9-15, IrelandHets
as *Saldula pallipes* CornwallHets, EMM80:72, EMM82:66, EMM84:125-127, EMM86:6-8, EMM90:250, EMM92:150-153, EMM96:152, Ent86:34-40, ERJV70:197-198, ERJV74:247, LondonHets, PTSLENHS1962:123-183, S&L1959, TRESL92:417-452, TSBE16:1-48, TSBE6:149-180, TSBE8:231-290, TSBE9:151-195
as *Saldula palustris* EMM81:253-273, EMM92:150-153, EMM92:54-64, EMM98:188, ERJV74:247, GloucsHets, PTSLENHS1962:123-183, PTSLENHS1963Part1:68-69, PTSLENHS1963Part1:73-74, PTSLENHS1965:56-57, S&L1959, TSBE16:1-48

Saldula palustris (Douglas) (Saldidae)
as *Saldula palustris* CornwallHets, EG39:235-246, EMM108:66-79, EMM116:40, EMM137:162, Ent99:190-192, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:18, Hem2:41, Hem2:43, Hem2:45, Hem2:6, Hem3:109, Hem3:11, Hem3:34, Hem3:35, Hem3:47, Hem3:80, Hem4:108, Hem4:11, Hem4:150, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:170, Hem5:199, Hem5:209, Hem5:21, Hem5:46, Hem6:182, Hem6:234, HN17/18:25, HN19/20:8, HSGN1:17, HSGN10:14, HSGN12:13, HSGN14:8, HSGN4:4, HSGN4:A6, HSGN4:A8, TSBE18:91-167

Saldula pilosella (Thomson) (Saldidae)
as *S. pilosella* EMM81:253-273, EMM82:94-95
as *Sal. pilosella* EMM91:7-27
as *Salda marginalis var. pilosella* EMM69:234-245
as *Salda pilosella* Butler1923, EMM12:29-30, EMM16:217-220, EMM17:10-15, EMM30:101-106, EMM40:275-276, EMM51:312-313, Ent10:9-15, Ent47:146-147, Ent59:84-85, HantsHets, IrelandHets, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280, TSBE8:231-290, TSBE9:151-195
as *Saldula pilosella* CornwallHets, EG39:235-246, EG60:37-71, EMM109:60, EMM116:40, EMM84:125-127, EMM92:150-153, Ent99:190-192, ERJV70:197-198, GloucsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:18, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:47, Hem3:80, Hem4:109, Hem4:11, Hem4:139, Hem4:34, Hem4:46, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:125, Hem5:170, Hem5:199, Hem5:209, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:97, Hem6:183, Hem6:266, Hem6:268, HN1:6, HN17/18:25, HSGN14:8, LondonHets, PTSLENHS1962:123-183, S&L1959, TRESL92:417-452, TSBE9:151-195

Saldula saltatoria (Linnaeus) (Saldidae)
as *Acanthia saltatoria* EMM16:172-175, EMM61:62-63, EMM65:40-42, EMM68:139-145, EMM68:209-213, EMM71:164, TSBE1:51-84
as *S. saltatoria* EMM81:253-273
as *Sal. saltatoria* EMM91:7-27
as *Salda marginella* EMM11:142-144, EMM17:10-15, Ent10:9-15
as *Salda saltatoria* Butler1923, D&S1865, EMM11:118, EMM11:142-144, EMM12:29-30, EMM14:165-167, EMM17:10-15, EMM19:237-238, EMM2:207, EMM25:236-237, EMM25:237-238, EMM29:35-37, EMM29:92-93, EMM3:118, EMM38:86-87, EMM48:187-189, EMM53:112-113, EMM63:12-13, EMM63:238-241, EMM64:218, EMM64:62-64, EMM69:234-245, EMM7:182-184, EMM8:60-63, EMM90:250, Ent24:261-263, Ent47:146-147, Ent51:2-5, Ent67:129-130, Ent74:247-254, ERJV51:160-161, ERJV70:197-198, HantsHets, IrelandHets, Saunders1892, SuffolkHets, Synopsis1875, TSBE11:245-280, TSBE16:1-48, TSBE8:169-230, TSBE9:151-195
as *Salda saltatoria var. conjuncta* TSBE11:245-280
as *Saldula connemarae* BJENH32:363-364, Hem1:12, Hem1:2, Hem1:58, Hem1:59, Hem3:10, Hem3:116, Hem3:118, Hem3:123, Hem3:34, Hem3:35, Hem5:10, Hem5:111, Hem6:180
as *Saldula saltatoria* BJENH21:205-214, BJENH28:5-15, BJENH28:57-58, BJENH32:239-240, BJENH8:165-169, CornwallHets, EG20:125-135, EG25:45-51, EG43:221-226, EG60:37-71, EMM100:80, EMM102:67-69, EMM109:223-225, EMM109:60, EMM114:21-24, EMM125:249, EMM129:60, EMM133:79-80, EMM65:111, EMM81:12, EMM84:125-127, EMM85:311-312, EMM86:6-8, EMM88:22, EMM90:115-117, EMM90:3, EMM90:35, EMM92:150-153, EMM92:221-225, EMM92:54-64, EMM94:93, EMM95:155, Ent86:34-40, Ent89:223-231, ERJV101:47-49, GloucsHets, Hem1:101, Hem1:12, Hem1:2, Hem1:33, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:109, Hem3:11, Hem3:116, Hem3:118, Hem3:119, Hem3:34, Hem3:35, Hem3:47, Hem3:55, Hem3:68, Hem3:80, Hem4:109, Hem4:11, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:125, Hem5:141, Hem5:170, Hem5:199, Hem5:209, Hem5:21, Hem5:32, Hem5:46, Hem5:65, Hem5:74, Hem5:97, Hem6:183, Hem6:216, Hem6:279, Hem6:280, Hem6:281, HN17/18:25, HN19/20:8, HN6:2, HSGN1:12, HSGN1:17, HSGN10:11, HSGN11:10, HSGN11:6, HSGN12:12, HSGN13:13, HSGN14:8, HSGN3:12, LondonHets, PTSLENHS1949-50:36-38, PTSLENHS1950-51:75-76, PTSLENHS1962:123-183, S&L1959, TRESL92:417-452, TSBE18:91-167, TSBE19:173-235, TSBE6:149-180, TSBE8:231-290, TSBE9:151-195
as *Saldula saltatoria var. conjuncta* PTSLENHS1962:123-183
as *Saldula saltatoria var. marginella* CornwallHets, EMM125:249, S&L1959

Saldula setulosa (Puton) (Saldidae)
as *S. setulosa* EMM81:253-273

as *Sal. setulosa* EMM91:7-27
as *Salda setulosa* Butler1923, EMM40:275-276, EMM43:196-202, HantsHets
as *Saldula setulosa* EMM108:66-79, EMM92:150-153, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:11, Hem4:11, Hem4:78, Hem5:11, Hem5:111, Hem6:183, HN8:15, HSGN1:4, HSGN8:10, S&L1959, TSBE9:151-195

Teloleuca pellucens (Fabricius) (Saldidae)
as *Salda conspicua* EMM13:112, EMM23:43-44, EMM4:93-100, EMM8:60-63, Synopsis1875
as *Salda riparia* Butler1923, EMM3:118, EMM68:209-213, EMM7:45-53, EMM8:60-63, Ent51:2-5, HantsHets, Saunders1892, TSBE8:169-230
as *Saldula riparia* TRESL92:417-452
as *T. pellucens* EMM81:253-273
as *Tel. pellucens* EMM91:7-27
as *Teloleuca pellucens* EMM101:143-144, EMM104:113, EMM105:165-166, EMM106:256, EMM116:40, EMM68:209-213, EMM92:150-153, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:11, Hem4:11, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:117, Hem5:144, Hem5:170, Hem5:199, Hem6:184, HN9:7, HSGN1:18, HSGN1:5, HSGN11:2, HSGN8:10, S&L1959, TSBE19:173-235

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively. Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Chartoscirta cincta* (Herrich-Schaeffer) (Saldidae)**

Common name. The Common Reed Shorebug.

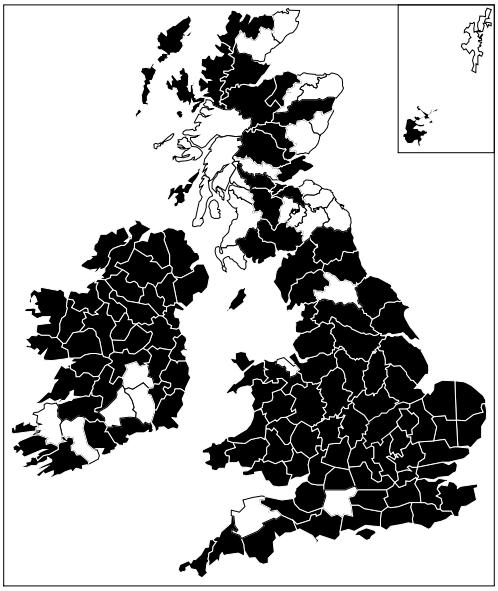
First report. D&S1865 as *Salda cincta*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from mire, alongside pond is rush-pasture, shores of a lake, boggy pool (n), brackish pool, clay-pit pools, margins of a canal, bog, ditch, fen, swamp, river, hillside seepage, small puddles overhung with grass in sand-hills, swampy margin of a lake (n), meadow-pond, mudflats, surface of pond in garden, pool in heathland, sedge bed by reservoir, tidal river bank. Taken from moss, decaying vegetation, *Sphagnum*, roots of *Juncus*, in tufts of grass, *Glyceria* in pond, mud beneath *Phalaris arundinacea*, under refuse. Taken by beating a hedge, treading down very wet moss in swamp and forming water holes. Jumping on mud of marshy ground.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April		2	2	3	1	2
May	2			2		1
June		2		1	1	
July			1	6		1
August	4 N	2 N	1	5	2	3
September	2	2	1	1	1	1
October			1	1	1	1
November	1					
December			1			

***Chartoscirta cocksii* (Curtis) (Saldidae)**

Common name. The Scarce Reed Shorebug.

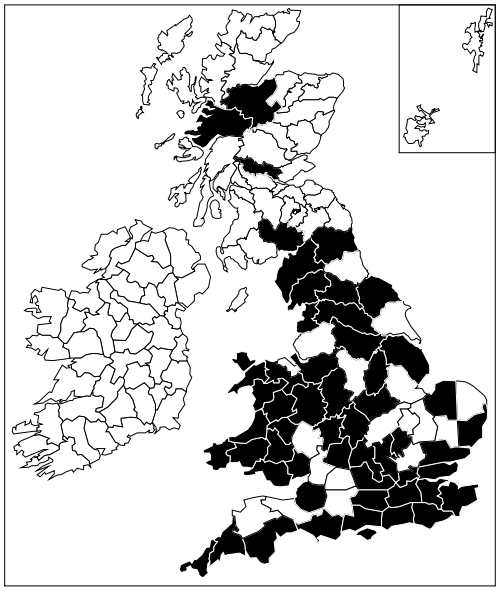
First report. D&S1865 as *Salda elegantula* (Hem5:114-118).

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshes, hillside runnel. Taken from small damp 'pan' on a heath, moss, *Sphagnum*, dead grass leaves lying around miniature puddles formed by cattle trampling, flood refuse (n), floodplain swamp, mud at margins of ditches, mud amongst *Carex flacca* (n), tidal river bank. Taken by treading down very wet moss in swamp and forming water holes. Running over wet mud beside a stream in a sallow wood.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March			1			
April	1					1
May		1			1	
June					1	1
July			1			
August		2 N				
September			1			
October						
November						
December						

No habitus images are available.

***Chartoscirta elegantula* (Fallén) (Saldidae)**

Common name. The Elegant Reed Shorebug.

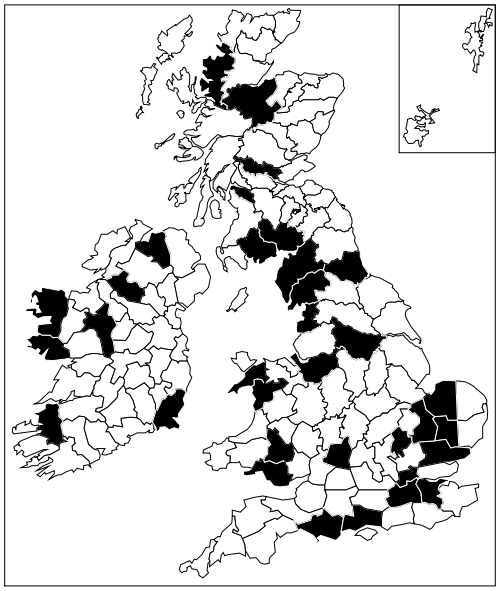
First report. EMM3:13-16 as *Salda Flori*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from along river banks, beside peat pool, in a pond. Taken from the tangle under Sea Lavenders (*Statice limonium* and *S. bahusiensis*) on saltmarsh, decaying *Juncus* litter, litter by a warping drain, litter cast up on the banks of a tidal river, lode sides with short moss on mud (n), roots of grass on tidal mud, under flood refuse in a marsh by a river. Taken by grubbing among low herbage by the edge of a small area of saltmarsh. Running on bare peat from which the turf had been removed.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May					1	
June			2			
July						2
August				1		
September	1			1		
October						
November						
December						

No habitus images are available.

***Chiloxanthus pilosus* (Fallén) (Saldidae)**

Common name. The Large Saltmarsh Shorebug.

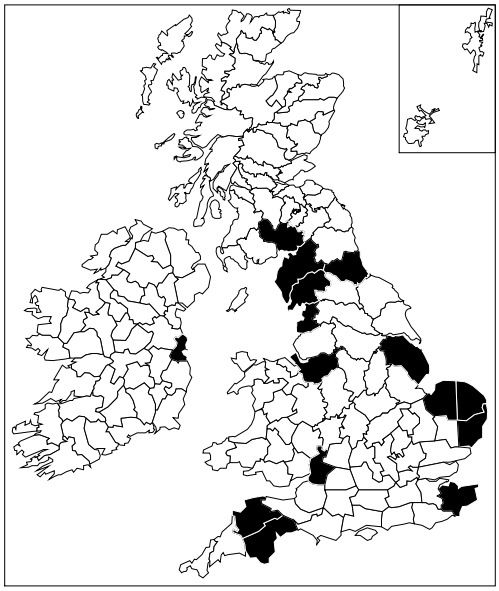
First report. D&S1865 as *Salda pilosa*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from ash-oak wood on limestone, coastal saltmarshes, sand of a shore. Taken from *Salicornia europaea* in soft muddy spots of saltmarsh. Running on muddy shores.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						1
July						
August	1	1				
September						
October						
November						
December						

No habitus images are available.

***Halosalda lateralis* (Fallén) (Saldidae)**

Common name. The Small Saltmarsh Shorebug.

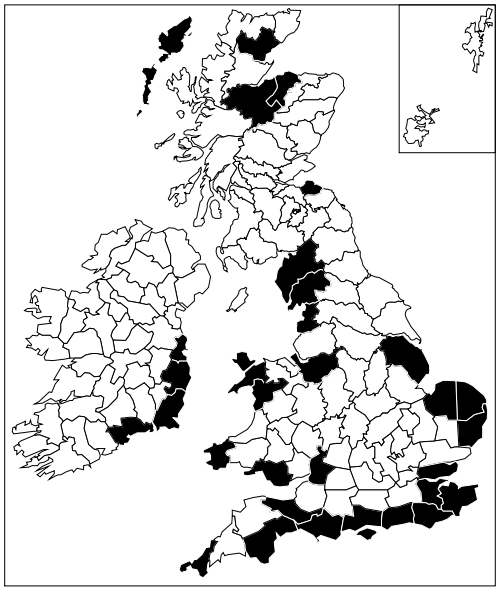
First report. D&S1865 as *Salda lateralis* and *Salda pulchella*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from salt marsh, mud flats, tidal flats, area of small shingle on sand at the edge of a saltern, moist sand, muddy margins of a river near the sea. Taken from damp hollow covered with *Salicornia*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					1	
July		1	1		1	
August	1	1	3		1	
September						1
October						
November						
December						

No habitus images are available.

***Macrosaldula scotica* (Curtis) (Saldidae)**

Common name. The Large Upland Shorebug.

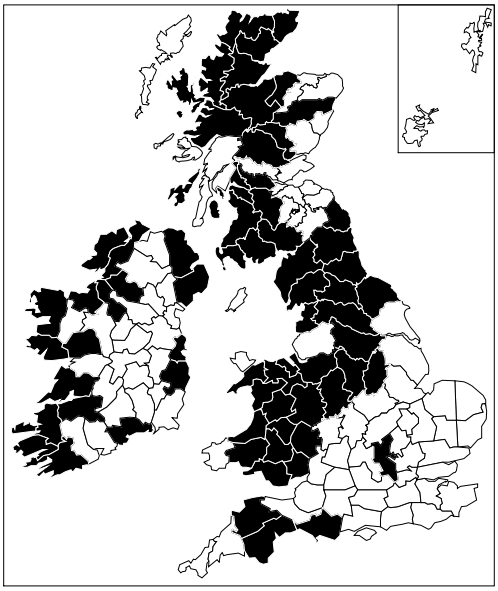
First report. D&S1865 as *Salda riparia* (Hem5:114-118).

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from margin of a lake/loch, alongside a river (n), along moorland streams (n), stream near the coast, gravel beds of a river, silty shingle beaches, up to 1000ft, within moss tussocks. Taken from amongst boulders, rocks, pebbles, shingle and stones (n), silty margins (n). Seen hopping about on the shore of a loch; and running on flat mossy rocks.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June					N	1
July	2 N	1			2	1
August	2	4	1	2	2	
September				1		
October			1			
November						
December						

No habitus images are available.

***Micracanthia marginalis* (Fallén) (Saldidae)**

Common name. The Heath Shorebug.

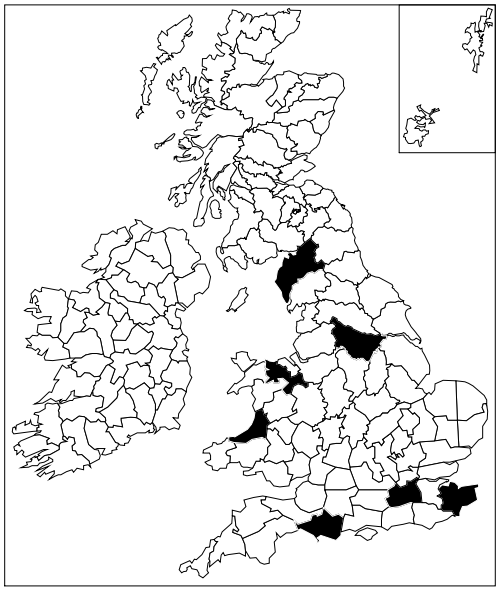
First report. D&S1865 as *Salda marginalis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from bog, pool margins, damp hollow on a bare patch of heath where the ground was studded with sundews (*Drosera*) and short shoots of *Erica tetralix* (n), bare places on a heath, wet places on a heath, patches of damp sand, rough wet ground where *Drosera* and mosses grew.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June	N		2	2	2	
July				2		
August	3				1	
September			1			
October						
November						
December						

No habitus images are available.

***Salda littoralis* (Linnaeus) (Saldidae)**

Common name. The Large Riverside Shorebug.

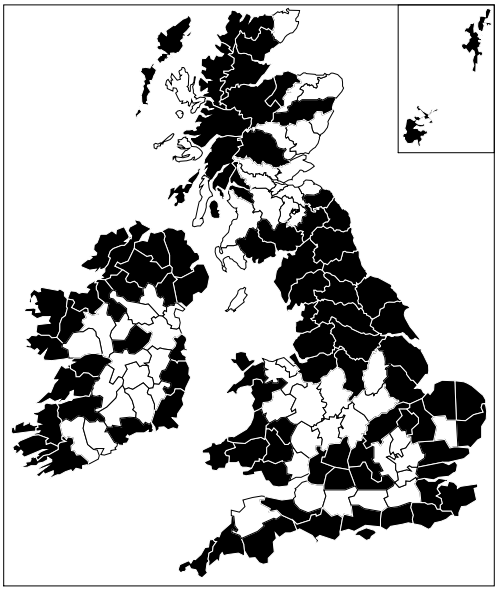
First report. D&S1865 as *Salda littoralis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from margin of a lake/loch, river banks, river estuary, coast, saltmarsh, among reeds on the dried-up bed of a delph, among the debris of the nest of a wild duck on salterns (n), around stones on the shores and banks of a tarn and outflow stream (n), brackish vegetated areas, damp hollow covered with *Salicornia*, edges of salt-marsh on tidal flats, flat expanse of black mud with some dead plants, flats behind dunes, islet of sand and fine shingle (n), beach of a loch, margin of a burn tumbling down a glen, shallow pan in sandy peat, at 1046ft. Taken from flood refuse, *Salicornia*, moss, water on rising tide, under a flat stone in a marshy spot, under Fuci on sea-shore, under rejectamenta on sands. Taken by suction sampling *Spartina anglica*. Seen on the edge of thick *Spartina* on mud flats, into which they ran when alarmed. Seen flying readily on sunny days.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June		2	2			2 N
July	3 N	1	2	2	1	
August	1	2	3			
September						
October						
November						
December						

No habitus images are available.

***Salda morio* Zetterstedt (Saldidae)**

Common name. The Upland Confused Shorebug.

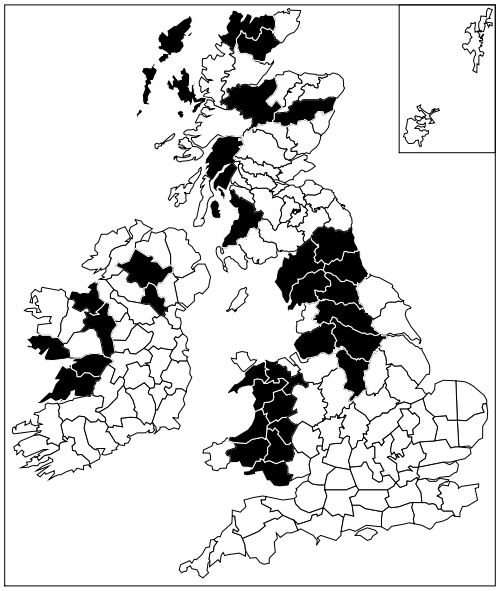
First report. EMM3:13-16 as *Salda Morio*.

Ambiguities. Prior to EMM94:190-192 records may refer to *Salda muelleri* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from boggy pool, bank of wet mud at 2000ft, peat cutting, round the shores of a loch, wet heath/mire, amongst moss, mud and stones at the edge of a moorland loch at about 1000ft. Taken by pitfall traps set in *Sphagnum* bog (n), water trap, Sieving *Sphagnum* (n). Seen running actively in warm sunshine on bare wet peat near or above 1000ft.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June				2	3	
July	1	2 N			1	
August	2	1			1	
September						
October	1					
November						
December						

No habitus images are available.

***Salda muelleri* (Gmelin) (Saldidae)**

Common name. The Lowland Confused Shorebug.

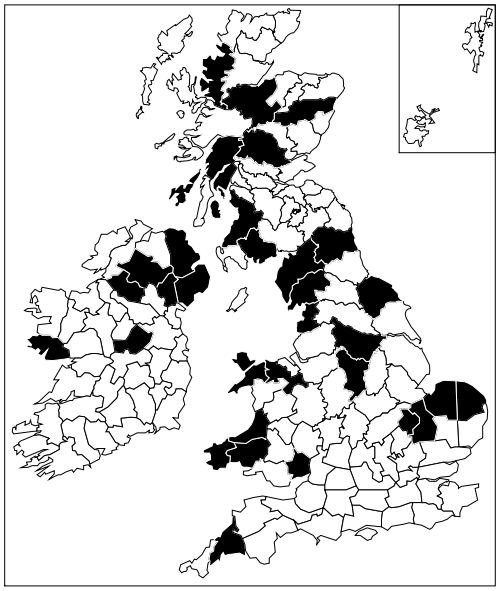
First report. EMM31:236-238 as *Salda Muelleri*.

Ambiguities. Prior to EMM94:190-192 records may refer to *Salda morio* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from bare peaty mud on moorland (n), sandy shore of a loch (n), uplands, valley mire, wet heath, damp places in woods by a loch, fen and broads margins. Taken by pitfall traps set in sheep-grazed upland pasture.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June	1	1	2	1	2	
July	1			1	1	2
August	1		2			
September						
October						
November						
December						

No habitus images are available.

***Saldula arenicola* (Scholtz) (Saldidae)**

Common name. The Cliff Shorebug.

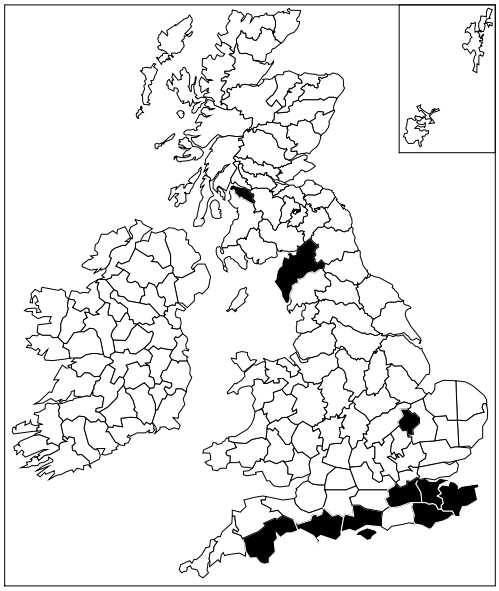
First report. EMM7:156-157 as *Salda arenicola* & EMM8:23-29 as *Salda arenicola*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from around small spring on clay cliffs, beside gravel pits, damp sand at seaward edge of saltmarsh, damp sandy cliff. Taken by pitfall traps. Seen at rest on the clay of sea cliffs, where water oozes out. Escaped capture by taking flight. Seen on cliffs, in dried-up pools, around the edges of pools of water, and on soft sandy mud amongst vegetation (n).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May					1	
June					1	
July				2		
August	1	1	1 N			
September				1		
October				1		
November						
December						

No habitus images are available.

***Saldula c-album* (Fieber) (Saldidae)**

Common name. The Small Riverside Shorebug.

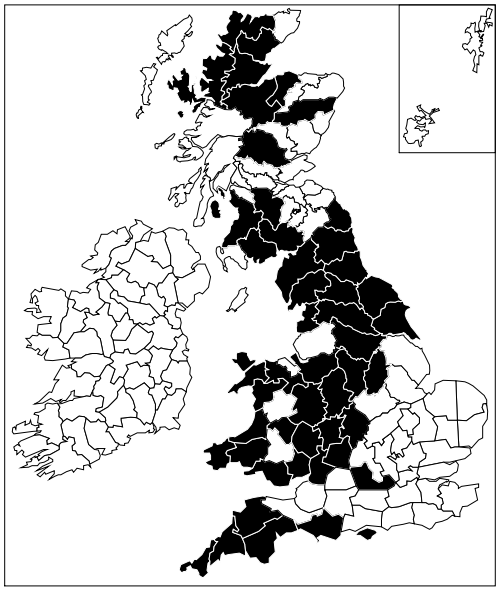
First report. D&S1865 as *Salda stellata*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from stream sides, river banks, margin of a lake/loch, among boulders where stream enters a reservoir, base and face of wet cliff, marsh, saltmarsh, in shady places of pebbly shores of a river, rocks in a river (w), margin of a burn tumbling down a glen. Taken from moss on rocks at side of stony bottomed river, sandy part of river bank, shingle banks of a river, at 400m. Taken by pitfall traps set in sheep-grazed upland pasture.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April	1			2		
May					1	4
June		1				
July		2	1	1	4	1
August		1	2	1		
September	1		1			
October		1				
November						
December						

No habitus images are available.

***Saldula fucicola* (J. Sahlberg) (Saldidae)**

Common name. The Loch Leven Shorebug.

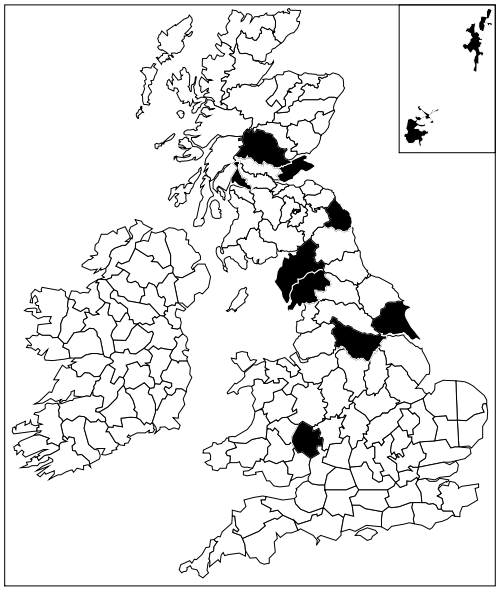
First report. EMM11:9-12 as *Salda vestita* and EMM11:142-144 as *Salda fucicola*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from coast, shores of a loch, firm sandy mudflats bordering a river estuary, banks of a river. Taken from gravel patches on the shore line of a loch.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July				1	1	
August	1					
September						
October						
November						
December						

No habitus images are available.

***Saldula melanoscela* (Fieber) (Saldidae)**

Common name. The Solway Shorebug.

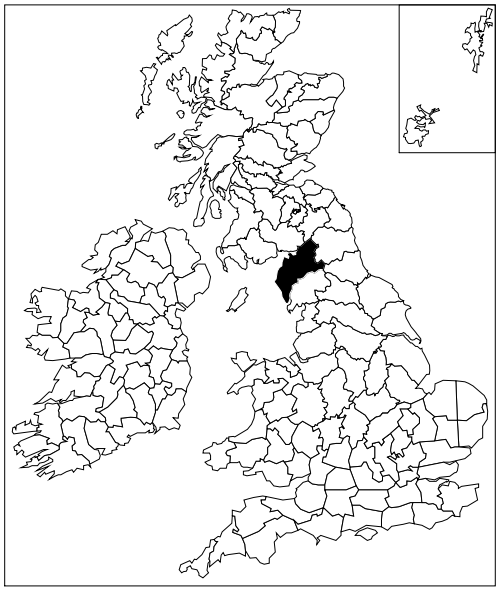
First report. EMM137:162 as *Saldula melanoscela*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from firm sandy mudflats bordering a river estuary.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April					1	
May						
June	1					1
July				2		
August						
September						
October						
November						
December						

No habitus images are available.

***Saldula opacula* (Zetterstedt) (Saldidae)**

Common name. The Overlooked Shorebug.

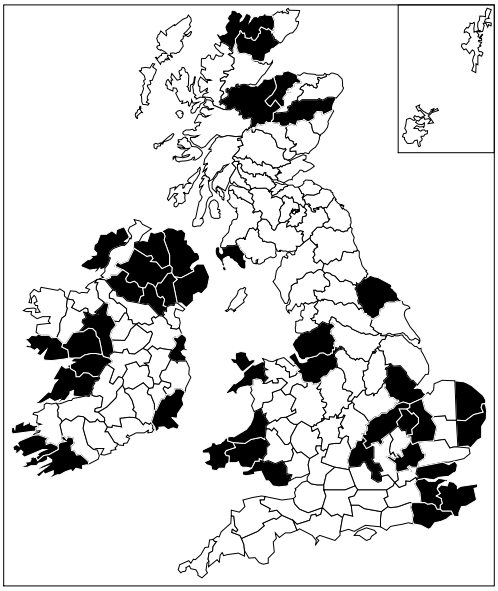
First report. EMM11:9-12 as *Salda opacula*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from banks of brackish ditches, saltmarsh, beside pools in clay pits, fenland, mud at the edge of a peaty pool in blanket bog at 430m, peaty pool in *Nardus stricta* snow-bed grassland at 990m, *Sphagnum* pool at 710m, flooded field, edge of a flooded mere, area of mud and decayed vegetation (*Typha latifolia* and grass) beside a river (w), wet pasture. Taken by sweeping over unvegetated wet mud and over the muddy shoreline of a lake. Seen on bare mud springing onto the water when they were disturbed, captured using a pond net.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March		1				
April	1	1				1
May						1
June	1		1	2		1
July	2			1		2
August	1			1		
September						
October						
November						
December						

***Saldula orthochila* (Fieber) (Saldidae)**

Common name. The Dry Shorebug.

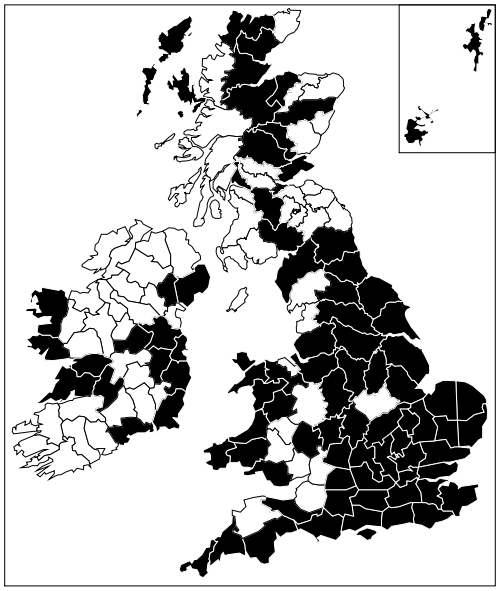
First report. D&S1865 as *Salda orthochila*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from roadside, shore, sandhills, foot of cliffs, pond mud, mud flats, side of a stream, field margins, demolition site, naturally vegetated derelict land, sparsely vegetated waste ground, grassland, *Calluna* moor, derelict garden, sandpit amongst debris of *Atriplex patula*, cracks of dried soil, bare sandy areas, stony places, a building, an islet of shingle at 2000ft, bare dry ground amongst heather (*Calluna vulgaris*) near the shore of a moorland reservoir at 1200ft, cinder-covered waste land, paths flower beds and lawns of a garden (n), burnt-out cottage at margin of loch (n). Taken from roots of plants, under sprawling vegetation, moss, under black medick (*Medicago lupulina*), *Epilobium hirsutum*, patches of chalk soil beneath rosettes of *Taraxacum* (dandelion) adjacent to a cornfield (n), under *Erica*, under sparse and stunted herbage on a piece of chalky waste ground adjoining arable land. Taken by pitfall traps set in sheep-grazed upland pasture, suction traps, light trap. Seen jumping on a concrete patio; running on patches of dry bare soil on footpath; and running over dry bare mud on the margin of an arable field.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March					1	
April		1				
May			1 N			
June	1	1		3 N	2	1
July	3	1 N	4	1	2	2
August	3 N	2			1 N	1
September	2	5 N	1	4	1	3
October	1	1		1		
November						
December						

***Saldula pallipes* (Fabricius) (Saldidae)**

Common name. The Common Inland Shorebug.

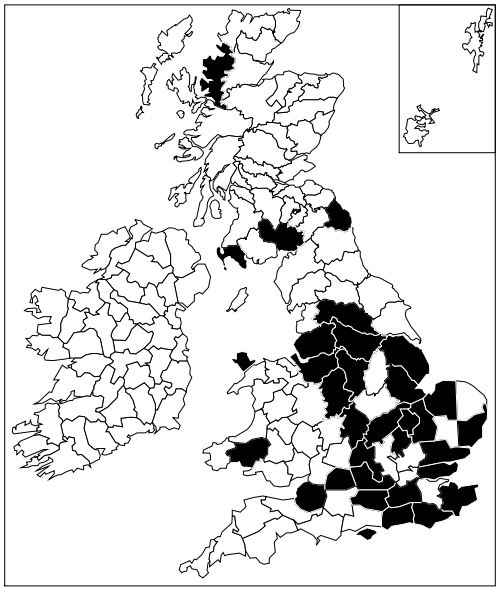
First report. D&S1865 as *Salda pallipes*.

Ambiguities. Prior to Ent99:190-192 records may refer to *Saldula palustris* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from muddy flood residue around field and pond edges. Taken by sweeping over unvegetated wet mud, the muddy shoreline of a lake, and around the margins of shallow pools at the edge of arable land.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June			2	1	1	1
July	1		1	2		
August			1	1		
September						
October						
November						
December						

***Saldula palustris* (Douglas) (Saldidae)**

Common name. The Common Coastal Shorebug.

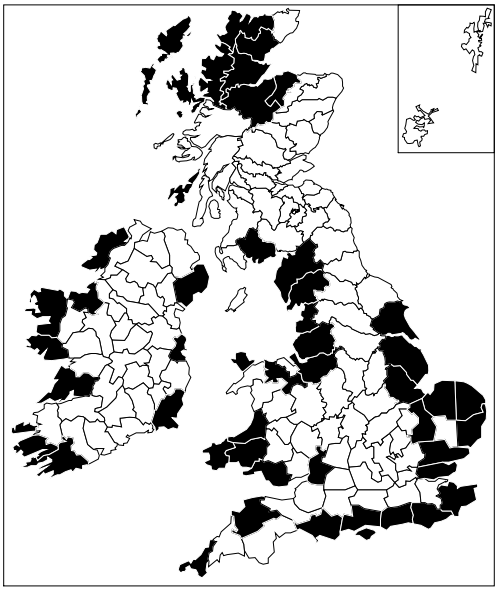
First report. EMM11:9-12 as *Salda palustris*.

Ambiguities. Prior to Ent99:190-192 records may refer to *Saldula pallipes* (Hem2:4-8).

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from saltmarsh, coastal cliffs, salt marsh on tidal river bank, foreshore, patches of mud between drifts of purple Sea-Lavender on saltings, firm sandy mudflats bordering a river estuary. Taken by suction sampling *Spartina anglica*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July		1	1	2		
August					1	
September						
October						
November						
December						

***Saldula pilosella* (Thomson) (Saldidae)**

Common name. The Hairy Coastal Shorebug.

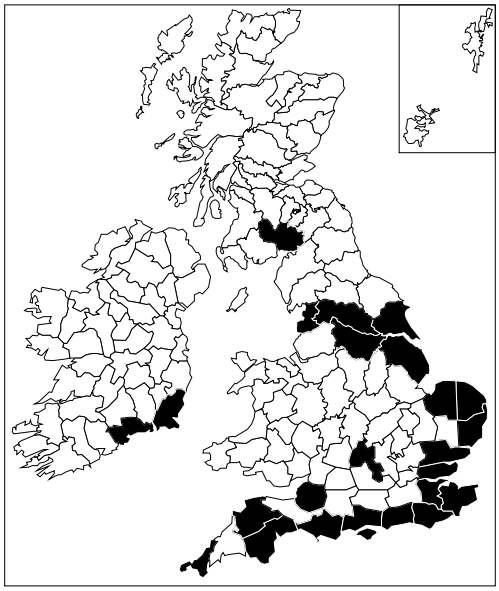
First report. EMM12:29-30 as *Salda pilosella*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from brackish pools, muddy side of drains, coast, saltmarsh (n), estuary, freshwater marshes, muddy shore (n), marshy ground adjacent to sandhills, inland on the mud by a roadside ditch (n), pond by cement works, shallow pan in sandy peat, tidal river bank. Taken from tidal rejectamenta. Seen among marginal vegetation and on mud of ditch; when alarmed, hops, flies or goes onto surface of water.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April				1	1	
May		1		1		
June						
July		1				1
August	1 N		1			
September			1		1	
October						
November						
December						

***Saldula saltatoria* (Linnaeus) (Saldidae)**

Common name. The Ubiquitous Shorebug.

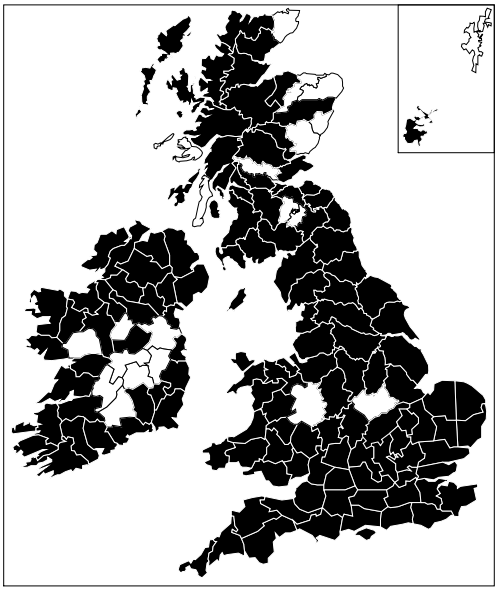
First report. D&S1865 as *Salda saltatoria*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from marshy ground, shores of a lake/pond, margins of ditches/streams/rivers, brackish ditches, sandhills, dry hedge-bank, brackish pool on the coast (n), sandy edge of mill-stream, clay-pit pools, damp place in woods, dew-pond, dried-up ditch with damp mud (n), dried-up pond on chalk, dune slacks (n), abandoned metalliferous mine site, mud at the edge of a peaty pool in blanket bog at 430m, naturally vegetated derelict land, garden pond, salt marsh, bog, moor, mountain sides, muddy pool (n), muddy stream banks (w), banks of a river (n), around peat pools up to 1500ft, gravel and shingle beaches, inter-tidal mud of sea inlet (n), wasteground, mudflats, stony beach, margin of a burn tumbling down a glen, pool in heathland, gravel-pit pool, pools on sandy clay cliffs. Taken from blocks of stone, rocks, boulders, short grass of a dry lawn, mass of decaying vegetation, roots of *Carex flacca* (n), roots of marram grass, *Juncus bulbosus*, *Juncus effusus*, oak, river wall, moss on rocks, mud, pond weed, under seaweed at high tide, peat mud, *Erica* pools in hollows on moor, estuary (n), water meadow. Taken by sweeping, beating, parting grass on coastal sandy slopes, sweeping over the muddy shoreline of a lake and over unvegetated wet mud. Seen jumping about in short damp herbage. On mud-flats where *Salicornia* and other salt-plants grew; allowed itself to be submerged by the incoming tide, holding on to a plant stem. Quiescent in soft heartwood of fallen hawthorn (w). Seen running over pebbles.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March	1	1				1
April		1	1	6	3	2
May	2	7	1	3		3
June	2	2	5	4	4	5
July	6	5	3	9 N	7 N	5
August	3	12 N	3	6 N	6 N	3 N
September	3	2	3	2	2	
October	1		2	1	2	1
November					1	
December						

***Saldula setulosa* (Puton) (Saldidae)**

Common name. The Poole Shorebug.

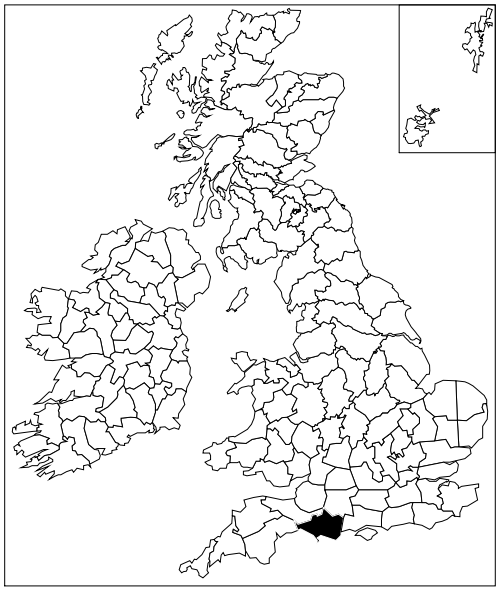
First report. EMM40:275-276 as *Salda setulosa*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from tidal rejectamenta lying on *Spartina* on mud-flats, among flood refuse, sandy silt between the edge of a heath and high water mark. Taken by suction sampling *Spartina anglica*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						

No habitus images are available.

***Teloleuca pellucens* (Fabricius) (Saldidae)**

Common name. The Northern Upland Shorebug.

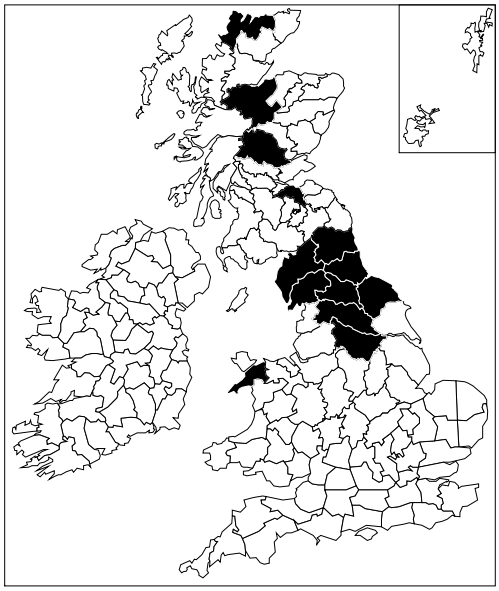
First report. EMM4:93-100 as *Salda conspicua*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from stones by the side of a mountain stream (n), *Sphagnum* in upland bogs, boulders on the shore of a small mountain lake at 2000ft, bed of a dried-up burn, islet of shingle at 2000ft, bare dry ground amongst heather (*Calluna vulgaris*) at 850ft, elevated moors. In little inlets around peaty pools; seen swimming on the water surface when alarmed. Running among dry, mossy rock fragments, in the angle formed by the junction of two mountain streams (n).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July				1		1
August						
September	1					
October						
November						
December						

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (33) THE FAMILY GERRIDAE

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Introduction

This is the 33rd part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Gerridae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Aquarius najas (De Geer) (Gerridae)

03A: 2 March 2006 [Hardwicke Brook, Herefordshire. Adults. HN11:16]
03B: 7 March 1984 [Caha River, West Cork. Ent109:53-64]
03C: 13 March 1971 [Great Amwell Pool, Hertfordshire. LondonHets]
03E: 24 March 1985 [Caha River, West Cork. Ent109:53-64] 25 March 2018 [Afon Cefni above Llangefni, VC52. Adults and nymphs. Hem6:241]
03F: 31 March 1950 [Pembrokeshire. EMM92:54-64] 30 March 1986 [Caha River, West Cork. Ent109:53-64]
04D: 16 April 1904 [Enfield, Middlesex. LondonHets]
04E: 23 April 1908 [Glendalough, Wicklow. IrelandHets] 24 April 2009 [Near Llangollen, River Dee, VC50. Pairs *in copula* HN13:11]
04F: 26 April 1988 [Coombe Valley, Cornwall. CornwallHets]
05A: 5 May 1937 [River Frome at Eastville Park, Bristol, West Gloucestershire. Male apters and female apters. TSBE6:149-180] 5 May 1955 [River Rheidol at Aberystwyth, Cardiganshire. Males and females *in copula*. EMM92:54-64] 1 May 1981 [Erisey Barton, Cornwall. CornwallHets]
05B: 7 May 1961 [Broxbourne, Hertfordshire. LondonHets]
05D: 16 May 1971 [Great Amwell Pool, Hertfordshire. LondonHets] 17 May 1868 [Ladywell, Kent. LondonHets]
06A: 1 June 1925 [Weybridge, Surrey. Gravid females. LondonHets]

06B: 6 June 1898 [North Hykeham, Lincolnshire. Pair *in copula*. EMM34:210]
06C: 13 June 1901 [River Ravensbourne, Catford, Kent. Male. LondonHets]
06D: 16 June 1991 [Wheal Martyn, Cornwall. CornwallHets] 17 June 2006 [Browda, Cornwall. CornwallHets]
06E: 22 June 1960 [Cedars Park, Cheshunt. LondonHets] 25 June 2003 [Trerise, Poltesco Valley, Cornwall. CornwallHets]
07A: 2 July 1950 [Brockenhurst. PTSLENHS1950-51:71-72]
07B: 6 July 1895 [Cratloe Wood, Co Clare. IrelandHets] 8 July 1898 [Cloonee Lakes, South Kerry. IrelandHets]
07C: 13 July 1898 [Sheen River near Kenmare, South Kerry. IrelandHets]
07E: 25 July 1949 [River Nebb, Isle of Man. Nymph. JSBE6:37-44]
07F: 31 July 1980 [Erisey Barton, Cornwall. CornwallHets] 26 July 2004 [Afon Rheidol, Radnorshire. Adults. HN4:5]
08A: 5 August 2003 [Bude Canal at Helebridge, Cornwall. CornwallHets]
08B: 10 August 1935 [River Dart, Dartmouth. Apters and nymphs. TSBE6:149-180] 8 August 1999 [Golitha Falls, Cornwall. CornwallHets]
08D: 17 August 1937 [River Teign above Newton Abbot, South Devon. Adult. TSBE6:149-180] 19 August 1937 [River Teign above Newton Abbot, South Devon. Adult. TSBE6:149-180] 16 August 2004 [Montgomery canal, Abermule, Montgomeryshire. Adults. HN4:5]
08E: 22 August 1985 [Caha River, West Cork. Pair. Ent109:53-64] 22 August 2000 [Siblyback Dam, Cornwall. CornwallHets] 23 August 2005 [South Penquite Farm, Blisland, Cornwall. CornwallHets]
08F: 28 August 2017 [Afon Cadnant below Pont Llandegfan, VC52. Adults and nymphs. Hem6:241]
09A: 4 September 1946 [Wray Castle, Lake Windermere. Adults including pair *in copula*, and nymphs. EMM85:169-173] 4 September 1897 [River Ravensbourne, Catford, Kent. LondonHets]
09B: 10 September 1944 [Yellow Hills, Lancashire. Male. TSBE10:1-44] 8 September 1985 [Caha River, West Cork. Pair. Ent109:53-64] 7 September 2000 [East of Devils Jump, Cornwall. CornwallHets] 7 September 2000 [SW of Trerithick, Cornwall. CornwallHets] 9 September 2000 [Laveddon, Cornwall. CornwallHets]
09C: 11 September 1949 [Shoreham, Kent. LondonHets] 13 September 2000 [Palmers Bridge, River Fowey, Cornwall. CornwallHets] 14 September 2008 [Near Llangollen, River Dee, VC50. HN14:11]
09D: 20 September 1902 [Lisburn, Co Down. IrelandHets]
09F: 29 September 1998 [Grand Union Canal, Croxley Green, Hertfordshire. Female micropter. BJENH32:16] 29 September 2004 [River Tamar below Clitters Wood, Gunnislake, Cornwall. CornwallHets]
10B: 10 October 1970 [New River, Amwell, Hertfordshire. Adults and nymphs. LondonHets]
10E: 22 October 1970 [Cheshunt, Hertfordshire. LondonHets]
10F: 31 October 1970 [Stanstead Abbots, Hertfordshire. LondonHets]
12C: 12 December 1981 [Hellescott Bridge, River Ottery, Cornwall. CornwallHets]

Aquarius paludum (Fabricius) (Gerridae)
04E: 25 April 2004 [Brede High Wood, East Sussex. HN3:6]
05C: 14 May 1870 [Esher, Surrey. LondonHets]
05D: 19 May 2009 [Flitton Moor, Bedfordshire. HN15:12]
05E: 22 May 1953 [Stoke Common, Buckinghamshire. EMM90:250]
05F: 26 May 2005 [River Red at Redbourn, Hertfordshire. HN8:12] 30 May 2009 [Bromham Quarry NR, Bedfordshire. HN15:12]
06B: 8 June 1953 [Frensham Little Pond, Surrey. EMM89:284-285]
07B: 6 July 1941 [Little Frensham Pond, Surrey. LondonHets]
07C: 15 July 1866 [Caterham. EMM69:234-245] 15 July 1876 [Caterham, Surrey. LondonHets]
07D: 16 July 2016 [Wilsons Pit, Rushden Lakes complex, VC32. Hem6:280] 17 July 2016 [Wilsons Pit, Rushden Lakes complex, VC32. Hem6:280]

07E: 24 July 2016 [Wilsons Pit, Rushden Lakes complex, VC32. Hem6:280]
07F: 26 July 1953 [Rickmansworth, Hertfordshire. Male. LondonHets]
08A: 5 August 2010 [Mill River, near Ipswich, VC25. HN16:8] 5 August 2010 [Bixley Decoy Lakes, Suffolk. HN22:11]
08F: 29 August 2012 [Thurston, Suffolk. HN22:11]
09A: 5 September 2009 [Wildmoor Heath, Crowthorne, Berkshire. Adults. BJENH27:25-26] 1 September 2010 [Tiptree Heath, VC19. HN16:8] 2 September 2014 [Little Sea, Studland, VC9. HN22:7] 2 September 2017 [North Cadbury Court Pond, VC6. Hem5:154] 2 September 2018 [River Nene, South Lincolnshire. Female. Hem6:217]
09B: 8 September 1940 [Near Farnborough, Surrey. Females. TSBE9:151-195]
09C: 13 September 2009 [Near Stanton Harcourt, Oxfordshire. BJENH27:25-26]
09D: 16 September 2003 [Newhaven, East Sussex. BJENH17:180-181] 18 September 2009 [Day's Lock, River Thames, Oxfordshire. BJENH27:25-26] 18 September 2009 [Thrupp Lake, Radley, Watsonian Berkshire. BJENH27:25-26] 19 September 2014 [Oulton Marshes, Suffolk. Male. HN22:12]
09E: 24 September 1948 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 22 September 2009 [Thrupp Lake, Radley, Watsonian Berkshire. BJENH27:25-26]
09F: 28 September 2006 [Alder Hills NR, Borough of Poole, Dorset. HN9:13]
10A: 2 October 1946 [River Medway, Tonbridge, Kent. LondonHets] 3 October 2006 [Flitton Moor, Bedfordshire. HN15:12]
10B: 10 October 2002 [Newdigate Brickpits, Surrey. BJENH17:9]

Gerris argentatus Schummel (Gerridae)
04F: 29 April 1951 [Barton Broad, East Norfolk. Ent86:240-242]
05C: 14 May 1870 [Esher, Surrey. LondonHets]
05E: 24 May 1936 [Nan Tows Tump, Gloucestershire. GloucsHets] 24 May [Saltmills, Saltash, Cornwall. TSBE1:51-84]
06C: 11 June 1900 [Lagan Canal at Moira, Co Down. IrelandHets] 13 June 1901 [Catford, Kent. LondonHets] 12 June 1949 [Wicken Fen, Cambridgeshire. Males, females and nymphs. EMM85:311-312]
07A: 5 July 1937 [Lough Ballyally, near Skibbereen, West Cork. TSBE6:149-180]
07B: 6 July 1937 [Near Skibbereen, West Cork. TSBE6:149-180] 6 July 1956 [Rydal Water, Westmorland. Female. JSBE6:37-44]
07C: 13 July 1916 [Loughton, Epping Forest, Essex. Nymph. LondonHets] 12 July 1959 [Upper Belvedere, Kent. LondonHets]
07D: 17 July 1937 [Tragemona Lough, near Skibbereen, West Cock. TSBE6:149-180] 18 July 1937 [Lough Avilliheen, near Skibbereen, West Cork. TSBE6:149-180]
07F: 31 July 1875 [Woking, Surrey. LondonHets]
08A: 4 August 1936 [Near Shobdon, Herefordshire. TSBE6:149-180] 4 August 1937 [Wicken Fen, Cambridgeshire. TSBE9:151-195] 5 August 1940 [Epping Forest, South Essex. Male and females. TSBE9:151-195] 4 August 1957 [Somerton, Oxfordshire. Including micropters. Ent91:15-19]
08C: 14 August 1937 [River Otter at Budleigh Salterton, South Devon. TSBE6:149-180]
08D: 18 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 19 August 1943 [Walham, Gloucestershire. EMM80:18-19]
08E: 25 August 1894 [Loughgilly, Northern Ireland. EMM31:33-35]
09A: 1 September 1937 [Felbridge, Surrey. LondonHets] 3 September 1940 [Epping Forest, South Essex. Males and females. TSBE9:151-195]
09B: 10 September 1910 [Loughton, Epping Forest, Essex. LondonHets] 10 September 1914 [Loughton, Epping Forest, Essex. Nymph. LondonHets] 9 September 1934 [Uxbridge, Middlesex. Ent71:148-153]
09C: 15 September 1940 [Near Aldershot, North Hampshire. Female. TSBE9:151-195]
09D: 16 September 1959 [Lea Valley, Cheshunt, Hertfordshire. LondonHets] 17 September 1995 [Lechlade Pits, Gloucestershire. GloucsHets] 16 September 2003 [Newhaven, East Sussex. BJENH17:180-181]

09E: 24 September 1937 [Near Chobham, Surrey. TSBE6:149-180] 21 September 1940 [Longleat Park, South Wiltshire. Macropters. TSBE9:151-195]
09F: 26 September 1935 [Uxbridge, Middlesex. Ent71:148-153]
10A: 5 October 1952 [Epping Forest, Essex. LondonHets] 5 October 1878 [Woking, Surrey. LondonHets]
10B: 7 October 2000 [Whelford Pools, Gloucestershire. GloucsHets] 10 October 2002 [Newdigate Brickpits, Surrey. BJENH17:9]
10C: 12 October 2001 [Hatfield Forest NNR, Essex. EMM140:89-96]
12C: 15 December 1962 [Ruxley Gravel Pit, Foots Cray, Kent. LondonHets]

Gerris costae (Herrich-Schaeffer) (Gerridae)
05F: 30 May 1935 [Rannoch, North Perthshire. TSBE9:151-195] 30 May 1896 [Kelly's Lough on Lugnaquilla, Wicklow. IrelandHets]
06A: 4 June 1935 [Nethybridge, East Inverness. TSBE9:151-195]
06C: 14 June 1935 [Larig Ghru, East Inverness. TSBE9:151-195] 14 June [Moor House NR, Pennines, Northern England. TSBE19:173-235]
06D: 16 June 1909 [Croaghpatrick, West Mayo. IrelandHets]
07E: 21 July 1939 [Forss N., Cnoeglass, Caithness. JSBE6:37-44]
07F: 29 July 1936 [Aviemore, East Inverness. TSBE9:151-195]
08A: 4 August 1936 [Larig Ghru, East Inverness. TSBE9:151-195]
08B: 10 August 1957 [Tomintoul, Banff. Nymphs. JSBE6:37-44]
08C: 11 August 1957 [Near Roberton, Roxburgh. Nymph. JSBE6:37-44] 11 August 1957 [Beattock summit, Lanark. Nymphs. JSBE6:37-44]
08E: 23 August 1946 [Kingsmere, Surrey. Adults. JSBE3:158-173] 24 August 1946 [Kingsmere, Surrey. Adults. JSBE3:158-173] 24 August 1946 [Wimbledon Common, Surrey. Adults. JSBE3:158-173]
08F: 26 August 1898 [Braemar district. EMM35:49-53] 27 August 1898 [Braemar district. EMM35:49-53]
09C: 14 September 1909 [Powerscourt Deerpark, Wicklow. IrelandHets]
09D: 16 September [Moor House NR, Pennines, Northern England. TSBE19:173-235]
09E: 24 September 1943 [Nethybridge, East Inverness. TSBE9:151-195]
10B: 7 October 1944 [Blackburn, Lancashire. Adults and nymphs. TSBE10:1-44]
10C: 12 October 1944 [Yellow Hills, Lancashire. Adult. TSBE10:1-44]

Gerris gibbifer Schummel (Gerridae)
01F: 26 January 1936 [Bristol. TSBE8:231-290]
03D: 17 March 1952 [Addington, Surrey. LondonHets]
03F: 29 March 1968 [Blackheath, Kent. LondonHets]
04A: 5 April 1942 [New Forest, South Hampshire. Males and females. TSBE9:151-195] 3 April 1956 [Purley, Surrey. LondonHets] 3 April 1959 [Blackheath, Kent. LondonHets]
04B: 10 April 1942 [Near Bovey Tracey, Devon. EMM93:88] 7 April 1957 [River Wye, Rhayader, Radnor. Males. JSBE6:37-44] 7 April 1969 [Blackheath, Kent. LondonHets]
04C: 14 April 1935 [Nant Francon Pass, Carnarvonshire. TSBE6:149-180] 13 April 1952 [Mitcham Common, Surrey. LondonHets] 15 April 1955 [Tregaron Bog, Cardiganshire. EMM92:54-64] 11 April 1957 [River Irfon, Abergwesyn, Brecon. Males and females. JSBE6:37-44]
04D: 19 April 1939 [Epsom Common, Surrey. LondonHets] 16 April 1950 [Epsom Common, Surrey. LondonHets]
04E: 23 April 1921 [Croham Hurst, Surrey. LondonHets] 25 April 1962 [Bayford, Hertfordshire. LondonHets] 25 April 1962 [Hertingfordbury, Hertfordshire. LondonHets] 24 April 1968 [Epsom, Surrey. Adults. LondonHets]
04F: 30 April 1938 [Oxshott Heath, Surrey. LondonHets] 30 April 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 30 April 1983 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets]

05A: 4 May 1941 [Near Ogwen Cottage, Caernarvonshire. Female. TSBE8:169-230] 4 May 1941 [On Glyder fawr, Caernarvonshire. Females. TSBE8:169-230] 4 May 1947 [Byfleet. PTSLENHS1947-48:60-61] 3 May 1955 [Penglais, Aberystwyth, Cardiganshire. Female. EMM92:54-64] 3 May 1970 [Epsom, Surrey. Adults. LondonHets] 1 May 1897 [Shirley Common, Surrey. LondonHets]

05B: 6 May 1952 [Esher Common, Surrey. LondonHets] 6 May 1953 [Hadley Green, Barnet, Hertfordshire. Male. EG7:97-111&157-166&213-223] 8 May 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 9 May 1954 [Bookham Common, Surrey. LondonHets] 7 May 1955 [Glanmerin Lake, Montgomeryshire. Males and females. EMM92:54-64] 7 May 1898 [Shirley Common, Surrey. LondonHets]

05C: 11 May 1951 [Hodgemoor Wood, Buckinghamshire. EMM90:250] 12 May 1954 [Bexley, Kent. LondonHets]

05E: 24 May 1936 [Near Kilcot, West Gloucestershire. TSBE6:149-180] 23 May 1985 [May Hill, Gloucestershire. GloucsHets]

05F: 29 May 1972 [Boyton, Cornwall. CornwallHets]

06A: 5 June 1908 [Monk Soham House, Suffolk. EMM46:143-144]

06B: 10 June 1993 [Croft Pascoe Pool, Goonhilly Down, Cornwall. CornwallHets] 8 June 1855 [Isle of Wight. EMM69:234-245]

06C: 15 June 1941 [By Llyn cwm Orthin, Merionethshire. Female. TSBE8:169-230] 15 June 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225]

06E: 23 June 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 23 June 2003 [Gwithian Towan, Cornwall. CornwallHets] 21 June 1846 [Durley Chine. EMM79:17-18]

06F: 27 June 2004 [Colvannick Pond, Cornwall. CornwallHets] 28 June [Monk Soham House, Suffolk. Nymphs. Ent47:215-218]

07A: 1 July 1969 [Blackheath, Kent. Nymphs. LondonHets]

07C: 14 July 1935 [Near Petty France, West Gloucestershire. TSBE6:149-180] 11 July 1947 [Ashtead. LondonHets] 15 July 1965 [Hoddesdon, Hertfordshire. Adults, including a macropter. LondonHets]

07D: 19 July 1947 [Ashtead. PTSLENHS1947-48:67]

07E: 22 July 1955 [Tregaron Bog, Cardiganshire. Male and females. EMM92:54-64] 22 July 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225]

07F: 30 July 1962 [Windlesham, Surrey. Adults. EMM98:166] 27 July 2002 [Tregonetha, Cornwall. CornwallHets]

08B: 10 August 1941 [At the foot of Carnedd Davydd, Caernarvonshire. Males, females and nymphs. TSBE8:169-230] 7 August 1955 [Cwm Rheidol, Cardiganshire. EMM92:54-64]

08C: 11 August 1937 [Moor west of Studland, Dorset. TSBE6:149-180] 11 August 1937 [Highcliffe, South Hampshire. TSBE6:149-180] 15 August 1937 [Haytor Quarry Pools, South Devon. TSBE6:149-180]

08D: 18 August 1936 [Haytor Quarry Pools, South Devon. TSBE6:149-180]

08E: 24 August 1946 [Wimbledon Common, Surrey. Adults. JSBE3:158-173] 25 August 1946 [Putney Heath, Surrey. Adults. JSBE3:158-173] 25 August 1952 [Esher Common, Surrey. LondonHets]

08F: 27 August 1946 [Richmond Park, Surrey. Adults. JSBE3:158-173] 27 August 1946 [Richmond Park, Surrey. Adults and nymphs. JSBE3:158-173] 29 August 2008 [Waen Y Llyn, Flintshire. Hem6:219]

09A: 1 September 1968 [Epsom, Surrey. Adults and nymphs. LondonHets]

09B: 10 September 1944 [Near Blackburn, Lancashire. Males, females and nymphs. TSBE10:1-44]

09C: 15 September 1940 [Near Aldershot, North Hampshire. Males and females. TSBE9:151-195]

09E: 22 September 1980 [Clahar Bridge, Cornwall. CornwallHets]

10B: 7 October 1944 [Blackburn, Lancashire. Female. TSBE10:1-44] 7 October 1944 [Blackburn, Lancashire. Females. TSBE10:1-44] 7 October 1962 [Epping Forest, Essex. LondonHets]

10D: 18 October 1970 [Broxbournebury Gravel Pit, Hertfordshire. Female macropter. LondonHets]

11C: 11 November 1944 [Near Darwen Tower, Lancashire. Adults. TSBE10:1-44] 11 November 1944 [Near Darwen Tower, Lancashire. Adults. TSBE10:1-44]
11D: 20 November 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 18 November 1975 [Joyden's Wood, Kent. LondonHets]

Gerris lacustris (Linnaeus) (Gerridae)
02E: 21 February 1988 [Symonds Yat, Forest of Dean, Gloucestershire. EG43:219-220] 21 February 1988 [Symonds Yat, Gloucestershire. GloucsHets]
02F: 28 February 1970 [Rye Meads, Hertfordshire. Brachypters. LondonHets] 28 February 1970 [Rye Meads, Hertfordshire. LondonHets]
03A: 4 March 1956 [Above Headley Lane, Dorking, Surrey. Male macropter. EMM92:374]
03D: 18 March 1972 [Rye Meads, Hertfordshire. LondonHets] 17 March 1882 [Weybridge. EMM19:20]
03F: 26 March 1953 [Beech Hill Lake, Hertfordshire. Males. EG7:97-111&157-166&213-223]
04A: 1 April 1939 [Ewell, Surrey. LondonHets] 5 April 1940 [Near Hertford Heath, Hertfordshire. Male. TSBE9:151-195] 5 April 1941 [Near Glasfryn, Caernarvonshire. Female. TSBE8:169-230] 3 April 1942 [North of Witherington Down, South Wiltshire. Female. TSBE9:151-195] 5 April 1947 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 4 April 1954 [Wrotham Park, Enfield, Middlesex. LondonHets]
04B: 6 April 1940 [Broxbourne Woods, Hertfordshire. Female. TSBE9:151-195] 10 April 1952 [Fairmead Bottom, Epping Forest, Essex. Male and female. Ent87:77-82] 7 April 1957 [River Wye, Rhayader, Radnor. Male, female macropter and female brachypter. JSBE6:37-44]
04C: 15 April 1939 [Hackbridge, Surrey. LondonHets] 14 April 1955 [Borth Bog, Cardiganshire. Males and females. EMM92:54-64] 15 April 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 13 April 1956 [Happy Valley, Dorking, Surrey. Female macropters. EMM92:374]
04D: 16 April 1935 [Llyn Cororion, near Bangor, Carnarvonshire. TSBE6:149-180] 17 April 1936 [River Lugg, Herefordshire. TSBE6:149-180] 19 April 1939 [Stew Ponds, Epsom Common, Surrey. LondonHets] 19 April 1952 [Fairmead Bottom, Epping Forest, Essex. Males and females. Ent87:77-82] 18 April 1953 [River Dwyfor, Caernarvonshire. EMM92:54-64] 19 April 1969 [Rye Meads, Hertfordshire. LondonHets]
04E: 22 April 1933 [Esher, Surrey. LondonHets] 21 April 1940 [Haileybury College, Hertfordshire. Males and female. TSBE9:151-195] 24 April 1941 [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. Female. TSBE8:169-230] 24 April 1945 [Hadley Green, Barnet, Hertfordshire. LondonHets] 24 April 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 22 April 1950 [Bookham Common, Surrey. LondonHets] 23 April 1950 [Hampstead Heath, Middlesex. LondonHets] 23 April 1953 [Beech Hill Lake, Hertfordshire. Females. EG7:97-111&157-166&213-223] 21 April 1960 [Epping Forest, Essex. LondonHets] 25 April 1962 [River Lea, Hertingfordbury, Hertfordshire. Adults. LondonHets] 25 April 1962 [Lower Nazeing, Essex. Adults. LondonHets] 25 April 1962 [Bayford, Hertfordshire. LondonHets] 21 April 1968 [Rye House, Hertfordshire. LondonHets] 25 April 1970 [Rye Meads, Hertfordshire. Male. LondonHets] 23 April 2004 [Ham Street Wood NNR, West Kent. HN3:6] 24 April 2004 [Brede High Wood, East Sussex. HN3:6] 24 April 2004 [Brede High Wood, East Sussex. HN3:6]
04F: 26 April 1943 [Barnet, Hertfordshire. LondonHets] 29 April 1951 [Barton Broad, East Norfolk. Ent86:240-242] 26 April 1953 [Beech Hill Park, Enfield, Middlesex. LondonHets] 30 April 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 29 April 1960 [Epping Forest, Essex. LondonHets] 29 April 1981 [Clahar Bridge, Cornwall. CornwallHets] 30 April 1983 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets]
05A: 1 May 1911 [Chingford, Epping Forest, Essex. LondonHets] 5 May 1937 [River Frome at Eastville Park, Bristol, West Gloucestershire. TSBE6:149-180] 5 May 1941 [Afon Erch, Caernarvonshire. Females. TSBE8:169-230] 5 May 1941 [Afon Erch, Caernarvonshire. Male and female. TSBE8:169-230] 4 May 1947 [Byfleet. PTSLENHS1947-48:60-61] 2 May 1952 [Hadley Green, Barnet, Hertfordshire. LondonHets] 4 May 1952 [Park Gate, near Hatfield, Middlesex. LondonHets] 5 May 1955 [River Rheidol, Aberystwyth, Cardiganshire.

EMM92:54-64] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57] 1 May 1971 [Essendon, Hertfordshire. LondonHets] 2 May 1971 [Lemsford Springs, Hertfordshire. LondonHets] 5 May 1975 [Thursley Common, Surrey. LondonHets]

05B: 10 May 1952 [Epping Forest, Essex. Male. LondonHets] 6 May 1953 [Hadley Green, Hertfordshire. Male. EG7:97-111&157-166&213-223] 6 May 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 6 May 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 9 May 1953 [Gors Geirch, Caernarvonshire. EMM92:54-64] 8 May 1954 [Mimms Wash Stream, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 8 May 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 7 May 1955 [Glanmerin Lake, Montgomeryshire. Males and females. EMM92:54-64] 6 May 1962 [Hertford Heath, Hertfordshire. LondonHets] 10 May 1962 [Broxbourne Meads, Hertfordshire. LondonHets] 9 May 1963 [Rye Meads, Essex. LondonHets] 7 May 1972 [Lemsford Springs, Hertfordshire. LondonHets] 7 May 1974 [Barnet, Hertfordshire. LondonHets] 7 May 1898 [Shirley Common, Surrey. LondonHets]

05C: 13 May 1940 [Shoreham, West Sussex. Males and female. TSBE9:151-195] 15 May 1940 [Near Brighton, East Sussex. Male and female. TSBE9:151-195] 11 May 1941 [Afon Erch, Caernarvonshire. Female. TSBE8:169-230] 12 May 1941 [Afon Erch, Caernarvonshire. Female. TSBE8:169-230] 15 May 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 13 May 1954 [Mimms Wash Stream, Hertfordshire. Males and females. EG7:97-111&157-166&213-223]

05D: 18 May 1901 [Oxshott. PSLENHS1901:11-14] 18 May 1901 [Black Pond, Esher Common, Surrey. LondonHets] 17 May 1940 [Between Worthing and Goring, West Sussex. Males and females. TSBE9:151-195] 18 May 1941 [Afon Erch, Caernarvonshire. Male and female. TSBE8:169-230] 18 May 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 17 May 1953 [Dyrham Park, Enfield, Middlesex. Male and female. EG7:97-111&157-166&213-223] 17 May 1953 [Dyrham Park, Enfield, Middlesex. Males and female. EG7:97-111&157-166&213-223] 16 May 1959 [River Fergus, The Burren, Co Clare. Male and female. EMM95:155] 17 May 1959 [Near Kilnaboy, The Burren, Co Clare. Male and female. EMM95:155] 18 May 1959 [Turlough near Rinnamona, The Burren, Co Clare. Male and female. EMM95:155] 19 May 1959 [Lake Bunny, The Burren, Co Clare. Male and female. EMM95:155] 20 May 1959 [Slieve Elva, The Burren, Co Clare. Male and female. EMM95:155] 16 May 1971 [Great Amwell, Hertfordshire. LondonHets] 20 May 1991 [Fox Grove, Clowance. CornwallHets] 20 May 1999 [Lawrence Weston Moor, Gloucestershire. GloucsHets]

05E: 23 May 1931 [Woking, Surrey. LondonHets] 23 May 1931 [Horsell Common, Surrey. LondonHets] 24 May 1936 [Near Kilcot, West Gloucestershire. TSBE6:149-180] 24 May 1936 [Filton Aerodrome, Gloucestershire. GloucsHets] 24 May 1940 [Haileybury College, Hertfordshire. TSBE9:151-195] 22 May 1941 [Near Efail Newydd, Caernarvonshire. Female. TSBE8:169-230] 23 May 1959 [In or near The Burren, Co Clare. Male and female. EMM95:155] 25 May 1959 [Lake George, The Burren, Co Clare. Male and female. EMM95:155] 24 May 1970 [Epsom Common, Surrey. LondonHets] 22 May 1971 [Wrotham Park, Enfield, Middlesex. LondonHets]

05F: 29 May 1940 [Near Hertford Heath, Hertfordshire. Males and female. TSBE9:151-195] 27 May 1950 [Hampstead Heath, Middlesex. LondonHets] 26 May 1963 [Bookham Common, Surrey. LondonHets] 27 May 1963 [Chorleywood Common, Hertfordshire. LondonHets]

06A: 2 June 1941 [Near Efail Newydd, Caernarvonshire. Male and females. TSBE8:169-230] 3 June 1963 [Epping Forest, Essex. LondonHets] 2 June 1984 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets]

06B: 7 June 1941 [Afon Erch, Caernarvonshire. Males and female. TSBE8:169-230] 10 June 1941 [Near Glasfryn, Caernarvonshire. Females. TSBE8:169-230]

06C: 15 June 1941 [Below Llyn Conglog, Merionethshire. Male. TSBE8:169-230] 12 June 1949 [Wicken Fen, Cambridgeshire. Male and females. EMM85:311-312]

06D: 19 June 1940 [Near Hoddesdon, Hertfordshire. Male. TSBE9:151-195] 16 June 1941 [Llyn Mair, Merionethshire. Male. TSBE8:169-230] 20 June 1941 [Near Morfa Nevin, Caernarvonshire. Female. TSBE8:169-230] 20 June 2001 [Land's End, Cornwall. CornwallHets]

06E: 23 June 1940 [Near Hertford Heath, Hertfordshire. TSBE9:151-195] 24 June 1941 [Llyn Glasfryn, Caernarvonshire. Male and female. TSBE8:169-230] 24 June 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 22 June 2003 [Colliford Lake, Cornwall. CornwallHets]

06F: 28 June 1941 [Afon Horon, Caernarvonshire. Male. TSBE8:169-230] 27 June 2004 [Colvannick Pond, Cornwall. CornwallHets]

07A: 5 July 1940 [Near Hertford Heath, Hertfordshire. Male. LondonHets] 4 July 1949 [River Alyn, Mold, Flint. Males and females. JSBE6:37-44]

07B: 6 July 1937 [Near Skibbereen, West Cork. TSBE6:149-180] 9 July 1940 [Near Hertford Heath, Hertfordshire. Males and females. TSBE9:151-195] 8 July 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 10 July 1941 [Afon Erch, Caernarvonshire. Including a pair *in copula*. TSBE8:169-230] 8 July 1944 [Near Fancott, Bedfordshire. ERJV57:72-73] 6 July 1983 [Brays Cot Pool, Cornwall. CornwallHets] 7 July 1821 [New Forest. EMM69:234-245]

07C: 14 July 1935 [Near Petty France, West Gloucestershire. TSBE6:149-180] 13 July 1940 [Broxbourne Woods, Hertfordshire. Males and female. TSBE9:151-195] 14 July 1940 [Fengate, Peterborough, Northamptonshire. Female. TSBE9:151-195] 13 July 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 12 July 1964 [Swanscombe, Kent. LondonHets]

07D: 16 July 1937 [Lough Ine, near Skibbereen, West Cork. TSBE6:149-180] 20 July 1968 [Rye Meads, Hertfordshire. Adults, including a brachypter. LondonHets] 18 July 1970 [Burgh Heath, Surrey. LondonHets]

07E: 25 July 1940 [Car Dyke, Peterborough, Northamptonshire. Females. TSBE9:151-195] 22 July 1941 [Afon Erch, Caernarvonshire. Female. TSBE8:169-230] 21 July 1946 [Near Cynwyd Station, Merionethshire. Female. TSBE10:269-280] 24 July 1946 [Wimbledon Common, Surrey. LondonHets] 25 July 1946 [Near Cynwyd Station, Merionethshire. Adults. TSBE10:269-280] 25 July 1946 [Near Cynwyd Station, Merionethshire. Adults and nymphs. TSBE10:269-280] 24 July 1956 [Ruislip LNR, Middlesex. LondonHets] 25 July 1970 [Rye House, Hertfordshire. Adults and nymphs. LondonHets] 24 July 1971 [Rye Meads, Hertfordshire. LondonHets]

07F: 31 July 1940 [Peterborough, Huntingdonshire. Male and females. TSBE9:151-195] 28 July 1941 [Afon Erch, Caernarvonshire. Males and female. TSBE8:169-230] 28 July 1946 [Merionethshire. Adults and nymphs. TSBE10:269-280] 29 July 1951 [Broad Colney, Middlesex. LondonHets] 26 July 1953 [Dartford Marshes, Kent. LondonHets] 30 July 1962 [Windlesham, Surrey. Adults. EMM98:166]

08A: 4 August 1936 [Near Shobdon, Herefordshire. TSBE6:149-180] 1 August 1940 [Fengate, Peterborough, Northamptonshire. Male and female. TSBE9:151-195] 4 August 1940 [Near Hertford, Hertfordshire. Males and female. TSBE9:151-195] 5 August 1940 [Epping Forest, South Essex. Male. TSBE9:151-195] 4 August 1957 [Somerton, Oxfordshire. Ent91:15-19] 4 August 1967 [Creinch, Dumbartonshire, Loch Lomond NNR. EMM114:21-24] 2 August 1970 [Esher, Surrey. LondonHets] 2 August 1970 [Black Pond, Esher Common, Surrey. LondonHets] 3 August 1981 [Goonhilly, Cornwall. CornwallHets] 5 August 2010 [Mill River, near Ipswich, VC25. HN16:8]

08B: 6 August 1940 [River Lea, near Hoddesdon, Hertfordshire. Females. TSBE9:151-195] 7 August 1940 [Haileybury College, Hertfordshire. TSBE9:151-195] 10 August 1940 [Somerton, Oxfordshire. Female. TSBE9:151-195] 8 August 1941 [Llyn Hendref, Anglesey. Male and females. TSBE8:169-230] 10 August 1946 [Eiria's Park, Colwyn Bay, Denbighshire. Adults. TSBE10:269-280] 10 August 1946 [Eiria's Park, Colwyn Bay, Denbighshire. Adults and nymph. TSBE10:269-280] 10 August 1953 [River Erch, Caernarvonshire. EMM92:54-64] 7 August 1957 [Faskally House, Pitlochry, Perth North. Males and females. JSBE6:37-44] 8 August 1971 [Lemsford Springs, Hertfordshire. Adult and nymph. LondonHets]

08C: 11 August 1937 [Highcliffe, South Hampshire. TSBE6:149-180] 13 August 1937 [Countess Wear, near Exeter, South Devon. TSBE6:149-180] 13 August 1937 [Countess Wear, near Exeter, South Devon. TSBE6:149-180] 15 August 1941 [Near Abererch, Caernarvonshire. Males and female. TSBE8:169-230] 15 August 1944 [Cherry Tree Station, Lancashire. Males and females. TSBE10:1-44] 13 August 1946 [Boundry of Denbighshire/Caernarvonshire, Rhos-on-Sea. Males and females. TSBE10:269-280] 14 August 1946 [Beaumaris Castle, Anglesey. Adults and nymphs. TSBE10:269-280] 14 August 1946 [Llyn Coron, Anglesey. Males, females

and nymphs. TSBE10:269-280] 15 August 1946 [West of Bryn Euryn, Denbighshire. Adults. TSBE10:269-280] 15 August 1946 [West of Bryn Euryn, Denbighshire. Adults and nymphs. TSBE10:269-280] 15 August 1971 [Lemsford Springs, Hertfordshire. Adults and nymphs. LondonHets] 15 August 1990 [Ladock Woods, Cornwall. CornwallHets]

08D: 19 August 1936 [River Lugg, Herefordshire. TSBE6:149-180] 17 August 1937 [River Teign above Newton Abbot, South Devon. TSBE6:149-180] 19 August 1937 [River Teign above Newton Abbot, South Devon. TSBE6:149-180] 19 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 18 August 1940 [River Cherwell, Somerton, Oxfordshire. Males and female. TSBE9:151-195] 19 August 1940 [Thrupp, Oxfordshire. TSBE9:151-195] 20 August 1940 [Lower Heyford, Oxfordshire. Males and female. TSBE9:151-195] 20 August 1940 [River Cherwell, Lower Heyford, Oxfordshire. TSBE9:151-195] 17 August 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 18 August 1941 [Near Glasfryn, Caernarvonshire. Male and female. TSBE8:169-230] 18 August 1941 [Near Glasfryn, Caernarvonshire. Male and female. TSBE8:169-230] 17 August 1944 [Blackburn/Preston, Lancashire. Males. TSBE10:1-44] 17 August 1960 [Cheshunt, Hertfordshire. LondonHets] 18 August 1971 [Cadmore Lane Gravel Pit, Hertfordshire. Adult. LondonHets] 18 August 1971 [Cheshunt, Hertfordshire. Nymphs. LondonHets]

08E: 21 August 1940 [River Severn, Sheperdine, West Gloucestershire. TSBE9:151-195] 22 August 1941 [Pwllheli, Caernarvonshire. Males and female. TSBE8:169-230] 21 August 1944 [Near Myercough Hotel, Lancashire. Males and females. TSBE10:1-44] 23 August 1946 [Kingsmere, Surrey. Adults. JSBE3:158-173] 23 August 1946 [Kingsmere, Surrey. Adults and nymph. JSBE3:158-173] 23 August 1946 [Kingsmere, Surrey. Adults and nymphs. JSBE3:158-173] 24 August 1946 [Wimbledon Common, Surrey. Adult. JSBE3:158-173] 24 August 1946 [Wimbledon Common, Surrey. Adults. JSBE3:158-173] 24 August 1946 [Wimbledon Common, Surrey. Adults. JSBE3:158-173] 24 August 1946 [Kingsmere, Surrey. Adults and nymphs. JSBE3:158-173] 24 August 1946 [Wimbledon Common, Surrey. Adults and nymphs. JSBE3:158-173] 21 August 1949 [Spaniards Pond, Hampstead Heath, Middlesex. Female. LondonHets] 25 August 1953 [Hadley Green, Hertfordshire. Males. EG7:97-111&157-166&213-223] 25 August 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 August 1953 [Beech Hill Lake, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 24 August 1963 [Streatham, Surrey. LondonHets] 24 August 1968 [Rye Meads, Hertfordshire. LondonHets] 22 August 1971 [Lemsford Springs, Hertfordshire. Adults and nymphs. LondonHets]

08F: 27 August 1940 [Glinton, Northamptonshire. Males and female. TSBE9:151-195] 27 August 1941 [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. Male and females. TSBE8:169-230] 27 August 1941 [Llyn Glasfryn, Caernarvonshire. Males and female. TSBE8:169-230] 30 August 1944 [Near Rishton, Lancashire. Adults. TSBE10:1-44] 27 August 1946 [Richmond Park, Surrey. Adults. JSBE3:158-173] 27 August 1946 [Richmond Park, Surrey. Adults. JSBE3:158-173] 27 August 1946 [Richmond Park, Surrey. Adults and nymphs. JSBE3:158-173] 26 August 1951 [Stanmore, Middlesex. LondonHets] 30 August 1951 [Stanmore, Middlesex. LondonHets] 28 August 1971 [Colney Heath, Hertfordshire. LondonHets]

09A: 2 September 1925 [Buckhurst Hill, Essex. Nymphs. LondonHets] 3 September 1940 [Epping Forest, South Essex. Males and female. TSBE9:151-195] 3 September 1940 [Near Hertford Heath, Hertfordshire. Males and female. LondonHets] 1 September 1944 [Blackburn, Lancashire. Males and females. TSBE10:1-44] 5 September 1951 [Hadley Green, Barnet, Hertfordshire. LondonHets] 2 September 1959 [Blackheath, Kent. Female. LondonHets] 4 September 1971 [Tollstream Gravel Pit, Rye Meads, Hertfordshire. LondonHets] 5 September 1971 [River Lea, Marshall's Heath, Hertfordshire. LondonHets]

09B: 8 September 1940 [Near Farnborough, Surrey. Males and females. TSBE9:151-195] 9 September 1949 [Little Sea, Studland, Dorset. Adults and nymphs. Ent87:45-53] 10 September 1953 [Dyrham Park, South Mimms, Middlesex. LondonHets] 10 September 1971 [Chorleywood Common, Hertfordshire. LondonHets]

09C: 11 September 1935 [Near Aust, West Gloucestershire. TSBE6:149-180]

09D: 16 September 1931 [Horsell Common, Surrey. LondonHets] 19 September 1937 [Totteridge, near Barnet, Hertfordshire. TSBE6:149-180] 18 September 1944 [Baldestone Park, Lancashire.

Females and nymphs. TSBE10:1-44] 20 September 1953 [Dyrham Park, Hertfordshire. Female. EG7:97-111&157-166&213-223] 20 September 1953 [Mimms Wash Stream, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 18 September 1971 [Rye House, Hertfordshire. LondonHets] 18 September 1971 [River Lea, Hertingfordbury, Hertfordshire. Nymphs. LondonHets] 20 September 1981 [Cholesbury, near Chesham, Buckinghamshire. LondonHets]

09E: 24 September 1937 [Near Chobham, Surrey. TSBE6:149-180] 21 September 1940 [Longleat Park, South Wiltshire. TSBE9:151-195] 21 September 1940 [Longleat Park, South Wiltshire. TSBE9:151-195] 24 September 1948 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 25 September 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Beech Hill Lake, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Barnet, Hertfordshire. LondonHets] 25 September 1964 [Nazeing, Essex. Male macropter, female brachypters and nymph. LondonHets] 21 September 1968 [Rye Meads, Hertfordshire. LondonHets] 23 September 1980 [Brays Cot Pool, Cornwall. CornwallHets]

09F: 30 September 1944 [Langho, Lancashire. Male, females and nymphs. TSBE10:1-44] 28 September 1952 [Fairmead Bottom, Epping Forest, Essex. Males. Ent87:77-82] 29 September 1952 [Epping Forest, Essex. LondonHets] 27 September 1964 [Rye Meads, Hertfordshire. Adult. LondonHets] 26 September 2005 [South Penquite Farm, Blisland, Cornwall. CornwallHets]

10A: 3 October 1925 [Richmond Park, Surrey. LondonHets] 1 October 1940 [Near Farnborough, Surrey. Male and females. TSBE9:151-195] 5 October 1944 [Near Belthorn, Lancashire. Males, females and nymphs. TSBE10:1-44] 1 October 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 1 October 1971 [Broad Colney, Hertfordshire. LondonHets] 1 October 2018 [Duck Island, St James's Park, London. BJENH32:16]

10B: 8 October 1925 [Richmond Park, Surrey. LondonHets]

10C: 14 October 1944 [Blackburn, Lancashire. Females and nymphs. TSBE10:1-44] 11 October 1953 [Mimms Wash Stream, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 14 October 1970 [Stanmore Ponds, Middlesex. LondonHets] 14 October 1970 [London Colney, Hertfordshire. LondonHets] 12 October 2001 [Hatfield Forest NNR, Essex. EMM140:89-96] 14 October [Deal. Nymph. Ent33:355]

10D: 20 October 1968 [Rye Meads, Hertfordshire. LondonHets] 18 October 1970 [Broxbournebury Gravel Pit, Hertfordshire. Brachypters. LondonHets]

10E: 21 October 1962 [Epping Forest, Essex. LondonHets] 21 October 2004 [Hurstpierpoint, Sussex. BJENH32:16] 22 October 2007 [Coronation Cut flood relief channel of River Welland at Spalding, VC53. Nymphs. HN10:13]

10F: 29 October 1940 [River Ouse, Bedfordshire. Males. TSBE9:151-195] 29 October 1953 [Hadley Green, Hertfordshire. Females. EG7:97-111&157-166&213-223] 29 October 1953 [Beech Hill Lake, Hertfordshire. Males. EG7:97-111&157-166&213-223] 29 October 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 30 October 1970 [Hadley Green, Barnet, Hertfordshire. Adults. LondonHets] 30 October 1970 [Watford East, Hertfordshire. Male. LondonHets] 30 October 1970 [Colney Heath, Hertfordshire. Male. LondonHets]

11A: 3 November 1946 [Near Bromsgrove, Worcestershire. EMM83:132]

11E: 22 November 1953 [Hadley Green, Hertfordshire. Female. EG7:97-111&157-166&213-223] 22 November 1954 [Tregaron Bog NR, Cardiganshire. EMM92:221-225]

Gerris lateralis Schummel (Gerridae)

03D: 18 March 2014 [Studland, VC9. HN22:6]

04B: 10 April 1942 [Near Bovey Tracey, Devon. Females. EMM93:88]

04C: 15 April 1955 [Tregaron Bog, Cardiganshire. Males and females. EMM92:54-64]

04D: 16 April 1945 [Salisbury, Wiltshire. EMM88:45] 18 April 1982 [Leckford Estate, North Hampshire. BJENH19:131]

04E: 22 April 1941 [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. Female apter. TSBE8:169-230]
04F: 26 April 2005 [The Wildgrounds, Alver Valley, Gosport, South Hampshire. Wingless. BJENH18:252]
05E: 23 May 1982 [Wicken Fen, Cambridgeshire. Female. HSGN3:10]
05F: 26 May 1937 [Rannoch, North Perthshire. TSBE9:151-195]
06C: 15 June 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225]
06D: 16 June 1974 [Stafford Lake, Bisley, Surrey. LondonHets]
07C: 13 July 1937 [South Kerry. Male apters and female apters. TSBE6:149-180]
08E: 21 August 1872 [On Moss Morran, near Balmuto, Fireshire. EMM12:222-224]
08F: 27 August 1946 [Richmond Park, Surrey. Adults. JSBE3:158-173]
09F: 29 September 1957 [Raby Golf Course, Cheshire. Male apter. JSBE6:37-44]
12B: 9 December 1929 [Ardagh Lough, Killarney. Apterous male and apterous female. TSBE6:149-180]

Gerris odontogaster (Zetterstedt) (Gerridae)
01A: 3 January 1965 [Ruxley Gravel Pit, Foots Cray, Kent. LondonHets]
03D: 16 March 1941 [Llyn Glasfryn, Caernarvonshire. Males and females. TSBE8:169-230] 18 March 1972 [Rye Meads, Hertfordshire. LondonHets]
03E: 23 March 1959 [Blackheath, Kent. LondonHets] 25 March 1972 [Stanstead Gravel Pit, Hertfordshire. Female. LondonHets]
03F: 29 March 1938 [Higham Marshes, Kent. Males and females. LondonHets] 26 March 1953 [Beech Hill Park, Enfield, Middlesex. LondonHets]
04A: 2 April 1938 [Bookham Common, Surrey. LondonHets] 5 April 1940 [Near Hertford Heath, Hertfordshire. TSBE9:151-195] 3 April 1941 [Near Llanystumdwy, Caernarvonshire. Females. TSBE8:169-230] 3 April 1953 [South Mimms, Middlesex. LondonHets] 2 April 1959 [Blackheath, Kent. LondonHets] 3 April 1959 [Blackheath, Kent. LondonHets]
04B: 6 April 1912 [Cheshunt, Hertfordshire. LondonHets] 6 April 1940 [Broxbourne Woods, Hertfordshire. Females. TSBE9:151-195] 10 April 1949 [Moor, Isle of Man. Female. JSBE6:37-44] 10 April 1952 [Fairmead Bottom, Epping Forest, Essex. Female. Ent87:77-82] 10 April 1954 [Bentley Heath, Enfield, Middlesex. LondonHets] 8 April 1956 [Bookham Common, Surrey. LondonHets]
04C: 12 April 1940 [Near Aylesbury, Buckinghamshire. Male and females. TSBE9:151-195] 12 April 1953 [Bookham Common, Surrey. LondonHets] 11 April 1954 [Bookham Common, Surrey. Males and female. LondonHets] 14 April 1955 [Ynyslas Turn, Cardiganshire. Males. EMM92:54-64] 14 April 1955 [Borth Bog, Cardiganshire. Males and females. EMM92:54-64] 15 April 1959 [Grange Park, Hackbridge, Surrey. LondonHets] 15 April 1899 [Culkeeragh, Londonderry. IrelandHets]
04D: 20 April 1937 [Hatchet Pond, near Beaulieu, Hampshire. TSBE6:149-180] 18 April 1948 [Leatherhead, Surrey. LondonHets] 16 April 1950 [Epsom Common, Surrey. LondonHets] 19 April 1952 [Fairmead Bottom, Epping Forest, Essex. Male and females. Ent87:77-82] 20 April 1952 [Bishop's End, near Tring, Hertfordshire. LondonHets] 16 April 1967 [Rye Meads, Hertfordshire. Male and female. LondonHets] 19 April 1969 [Rye Meads, Hertfordshire. Adults. LondonHets] 19 April 1870 [Esher, Surrey. LondonHets]
04E: 22 April 1933 [Esher, Surrey. LondonHets] 22 April 1951 [Rickmansworth, Hertfordshire. LondonHets] 23 April 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 22 April 1959 [Blackheath, Kent. LondonHets] 21 April 1965 [Rye Meads, Hertfordshire. Male. LondonHets] 25 April 1970 [Rye Meads, Hertfordshire. Female. LondonHets] 21 April 1972 [Broxbournebury Gravel Pit, Hertfordshire. LondonHets]
04F: 29 April 1951 [Barton Broad, East Norfolk. Ent86:240-242] 26 April 1953 [Hadley Green, Hertfordshire. Male. EG7:97-111&157-166&213-223] 26 April 1953 [Beech Hill Park, Enfield, Middlesex. LondonHets]
05A: 4 May 1947 [Byfleet. PTSLENHS1947-48:60-61] 2 May 1952 [Hadley Green, Barnet, Hertfordshire. LondonHets] 4 May 1952 [Park Gate Gravel Pits, near Hatfield, Hertfordshire.

LondonHets] 4 May 1957 [Basingstoke Canal, Byfleet, Surrey. LondonHets] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57]

05B: 8 May 1901 [Ockham Common, Surrey. LondonHets] 8 May 1901 [Wisley, Surrey. LondonHets] 6 May 1953 [Hadley Green, Hertfordshire. Males and female. EG7:97-111&157-166&213-223] 6 May 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 8 May 1953 [Mimms Wash Stream, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 8 May 1953 [Hadley Green, Barnet, Hertfordshire. LondonHets] 8 May 1954 [Mimms Wash Stream, Hertfordshire. Female. EG7:97-111&157-166&213-223] 7 May 1974 [Barnet, Hertfordshire. LondonHets]

05C: 13 May 1940 [Shoreham, West Sussex. Females. TSBE9:151-195]

05D: 17 May 1940 [Between Worthing and Goring, West Sussex. Male. TSBE9:151-195] 19 May 1959 [Lake Bunny, The Burren, Co Clare. Female. EMM95:155]

05E: 23 May 1931 [Horsell Common, Surrey. LondonHets] 22 May 1971 [Wrotham Park, Enfield, Middlesex. Male. LondonHets]

05F: 27 May 1963 [Chorleywood Common, Hertfordshire. LondonHets] 29 May 1971 [Hadley Green, Barnet, Hertfordshire. Female. LondonHets]

06A: 1 June 1950 [Hampstead Heath, Middlesex. EMM87:130]

06C: 14 June 1935 [Larig Ghru, East Inverness. TSBE9:151-195]

06D: 19 June 1940 [Near Hoddesdon, Hertfordshire. Males and females. TSBE9:151-195] 19 June 1971 [Rye Meads, Hertfordshire. LondonHets]

06E: 23 June 1940 [Near Hertford Heath, Hertfordshire. Males and females. TSBE9:151-195] 21 June 1961 [Wirral, Cheshire. Nymphs. PRESL(A)38:15-22]

07A: 5 July 1937 [Bealararee Marsh, near Skibbereene, West Cork. TSBE6:149-180]

07B: 6 July 1937 [Near Skibbereen, West Cork. TSBE6:149-180] 9 July 1940 [Near Hertford Heath, Hertfordshire. Males. TSBE9:151-195]

07C: 12 July 1959 [Upper Belvedere, Kent. LondonHets] 11 July 1961 [Wirral, Cheshire. Nymphs. PRESL(A)38:15-22] 11 July 1842 [Woolmer Forest. Male. EMM79:17-18]

07D: 17 July 1937 [Tragemona Lough, near Skibbereen, West Cork. TSBE6:149-180] 18 July 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 18 July 1937 [Lough Avilliheen, near Skibbereen, West Cork. TSBE6:149-180] 18 July 1940 [Flag Fen, Peterborough, Northamptonshire. Males. TSBE9:151-195]

07F: 29 July 1950 [Bookham Common, Surrey. Male and female. LondonHets] 29 July 1951 [Broad Colney, Hertfordshire. LondonHets]

08A: 4 August 1936 [Near Shobdon, Herefordshire. TSBE6:149-180] 4 August 1937 [Braydon Pond, North Wiltshire. TSBE6:149-180] 4 August 1940 [Near Hertford, Hertfordshire. Male. TSBE9:151-195] 4 August 1940 [Near Hertford, Hertfordshire. Males and females. TSBE9:151-195] 4 August 1940 [Cole Green, Hertfordshire. LondonHets] 5 August 1941 [Near Llanystumdwy, Caernarvonshire. Male. TSBE8:169-230] 5 August 1941 [Near Llanystumdwy, Caernarvonshire. Male and female. TSBE8:169-230] 5 August 1941 [Near Llanystumdwy, Caernarvonshire. Males and female. TSBE8:169-230] 3 August 1960 [Ampthill Park, Ampthill, Bedfordshire. EMM97:32-33]

08B: 8 August 1941 [Anglesey. Male and females, one pair *in copula*. TSBE8:169-230] 10 August 1957 [Braemar, Aberdeen South. Adults and nymphs. JSBE6:37-44]

08C: 15 August 1953 [Bookham Common, Surrey. LondonHets] 11 August 1957 [Near Roberton, Roxburgh. Male and females. JSBE6:37-44] 15 August 1970 [Black Pond, Esher Common, Surrey. LondonHets]

08E: 21 August 1940 [River Severn, Sheperdine, West Gloucestershire. Macropters. TSBE9:151-195] 24 August 1946 [Wimbledon Common, Surrey. Adult. JSBE3:158-173] 21 August 1949 [Spaniards Pond, Hampstead Heath, Middlesex. Male. LondonHets] 25 August 1953 [Hadley Green, Hertfordshire. Female. EG7:97-111&157-166&213-223] 25 August 1953 [Beech Hill Lake, Hertfordshire. Male and females. EG7:97-111&157-166&213-223] 22 August 1971 [Near Stanstead Abbots Gravel Pit, Hertfordshire. Adults and nymphs. LondonHets]

08F: 27 August 1941 [Llyn Glasfryn, Caernarvonshire. Males. TSBE8:169-230] 31 August 1960 [Bookham Common, Surrey. LondonHets]

09A: 3 September 1940 [Epping Forest, South Essex. Males. TSBE9:151-195] 5 September 1957 [Cheshunt, Hertfordshire. LondonHets]
09B: 10 September 1944 [Near Blackburn, Lancashire. Males, females and nymphs. TSBE10:1-44] 10 September 1944 [Yellow Hills, Lancashire. Males, females and nymphs. TSBE10:1-44] 9 September 1949 [Little Sea, Studland, Dorset. Adults and nymphs. Ent87:45-53]
09C: 15 September 1940 [Near Aldershot, North Hampshire. Males and females. TSBE9:151-195] 12 September 1944 [Baldestone, Lancashire. Males and females. TSBE10:1-44] 12 September 1944 [Osbaldeston, Lancashire. Males and females. TSBE10:1-44]
09D: 16 September 1941 [Achnashellach, West Ross. Male. TSBE9:151-195] 16 September 1944 [White Holme, Lancashire. Adults. TSBE10:1-44] 18 September 1944 [Baldestone, Lancashire. Female. TSBE10:1-44] 20 September 1953 [Dyrham Park, Hertfordshire. Males and females. EG7:97-111&157-166&213-223]
09E: 21 September 1940 [Longleat Park, South Wiltshire. Macropters. TSBE9:151-195] 24 September 1948 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 25 September 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 25 September 1953 [Beech Hill Lake, Hertfordshire. Males and females. EG7:97-111&157-166&213-223] 23 September 1960 [Lake Shandangan, The Burren, Co Clare. Male and female. Ent94:149-150]
09F: 28 September 1952 [Epping Forest, Essex. LondonHets] 30 September 1964 [Northmet Gravel Pit, Cheshunt, Hertfordshire. LondonHets] 28 September 2006 [Alder Hills NR, Borough of Poole, Dorset. HN9:13]
10A: 5 October 1952 [Dartford Marshes, Kent. Adults. LondonHets] 1 October 2004 [Wynstay Park, Denbighshire. HN7:16]
10B: 7 October 1962 [Epping Forest, Essex. LondonHets] 10 October 1964 [Rye Meads, Hertfordshire. Male macropter. LondonHets]
10C: 11 October 1953 [Wrotham Park, Hertfordshire. Male. EG7:97-111&157-166&213-223]
10E: 22 October 1964 [Epping Forest, Essex. LondonHets]
10F: 30 October 1970 [Enfield, Middlesex. Male. LondonHets] 30 October 1971 [Hadley Green, Barnet, Hertfordshire. LondonHets] 29 October 2004 [Penley, Denbighshire. HN7:16]
11A: 5 November 1939 [Benfleet, Essex. LondonHets]

Gerris thoracicus Schummel (Gerridae)
03F: 26 March 1953 [Beech Hill Lake, Hertfordshire. Female. EG7:97-111&157-166&213-223] 26 March 1953 [Hadley Green, Hertfordshire. Male. EG7:97-111&157-166&213-223]
04A: 4 April 1940 [Near Hertford Heath, Hertfordshire. TSBE9:151-195] 5 April 1947 [Gravesend, Kent. LondonHets] 1 April 1950 [Hampstead Heath, Middlesex. LondonHets] 3 April 1959 [Blackheath, Kent. Adults. LondonHets]
04B: 10 April 1952 [Fairmead Bottom, Epping Forest, Essex. Female. Ent87:77-82] 7 April 1955 [Corringham, Essex. LondonHets] 8 April 1956 [Bookham Common, Surrey. LondonHets] 9 April 1980 [Dagnam Park, Essex. LondonHets] 9 April 1981 [Dagnam Park, Essex. LondonHets]
04C: 13 April 1912 [Greenford, Middlesex. LondonHets] 12 April 1938 [Earl's Pool, Langford, North Somerset. Adults. TSBE8:231-290] 14 April 1955 [Ynyslas Turn, Cardiganshire. EMM92:54-64] 15 April 1955 [Tregaron Bog, Cardiganshire. EMM92:54-64] 12 April 1980 [Dagnam Park, Essex. LondonHets]
04D: 18 April 1943 [Hampstead Heath, Middlesex. LondonHets] 16 April 1955 [Abbey Wood Marshes, Kent. LondonHets] 16 April 1967 [Rye Meads, Hertfordshire. LondonHets] 19 April 1969 [Rye Meads, Hertfordshire. LondonHets] 20 April 1996 [Frampton Pools, Gloucestershire. GloucsHets]
04E: 21 April 1968 [Rye Meads, Hertfordshire. LondonHets] 25 April 1971 [Lemsford Springs, Hertfordshire. LondonHets] 21 April 1972 [Wrotham Park, Enfield, Middlesex. Female. LondonHets] 21 April 1972 [Broxbournebury Gravel Pit, Hertfordshire. LondonHets]
04F: 28 April 1923 [Westerham, Kent. LondonHets] 27 April 1881 [West Drayton, Middlesex. LondonHets]

05A: 5 May 1937 [River Frome at Eastville Park, Bristol, West Gloucestershire. TSBE6:149-180] 4 May 1947 [Byfleet. PTSLENHS1947-48:60-61] 5 May 1955 [Aberystwyth, Cardiganshire. EMM92:54-64] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57] 3 May 1970 [Blackheath, Kent. LondonHets] 1 May 1897 [Shirley Common, Surrey. LondonHets] 5 May 1877 [Glanvilles Wootton, Dorset. EMM69:234-245]

05B: 6 May 1911 [Cheshunt, Hertfordshire. LondonHets] 8 May 1954 [Mimms Wash Stream, Hertfordshire. Male and females. EG7:97-111&157-166&213-223] 8 May 1897 [Abbey Wood and Plumstead Heath, Kent. LondonHets]

05C: 13 May 1940 [Shoreham, West Sussex. Male and females. TSBE9:151-195] 11 May 1895 [Plumstead Marshes, Kent. LondonHets]

05D: 17 May 1940 [Between Worthing and Goring, West Sussex. Males and females. TSBE9:151-195] 16 May 1896 [Hither Green Lane, Lee, Kent. LondonHets]

05E: 23 May 1931 [Horsell Common, Surrey. LondonHets] 21 May 1972 [Lemsford Springs, Hertfordshire. LondonHets]

06A: 1 June 1941 [Near Pwllheli, Caernarvonshire. Male and Females. TSBE8:169-230] 1 June 1950 [Hampstead Heath, Middlesex. EMM87:130] 4 June 1960 [Waltham Cross, Hertfordshire. LondonHets]

06B: 8 June 1993 [Penhallick, Cornwall. CornwallHets]

06C: 15 June 1955 [Tregaron Bog NR, Cardiganshire. EMM92:221-225] 11 June 2004 [Erddig on River Clywedog, Denbighshire. HN7:16]

06D: 19 June 1940 [Near Hoddesdon, Hertfordshire. Male. TSBE9:151-195] 20 June 1941 [Near Morfa Nevin, Caernarvonshire. Males and females. TSBE8:169-230]

06E: 23 June 1940 [Near Hertford Heath, Hertfordshire. TSBE9:151-195]

06F: 29 June 2006 [Bude Marshes LNR, Cornwall. Female. CornwallHets]

07A: 5 July 1937 [Tralispean Beach, near Skibbereen, West Cork. TSBE6:149-180]

07C: 12 July 1937 [Killarney, South Kerry. TSBE6:149-180] 14 July 1937 [Near Petty France, West Gloucestershire. TSBE6:149-180] 14 July 1940 [Fengate, Peterborough, Northamptonshire. Males and female. TSBE9:151-195] 12 July 1959 [Blackheath, Kent. Adults. LondonHets] 15 July 1965 [Hoddesdon, Hertfordshire. LondonHets]

07D: 17 July 1937 [Tragemona Lough, near Skibbereen, West Cock. TSBE6:149-180] 17 July 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 17 July 1955 [Ynyslas, Cardiganshire. EMM92:54-64]

07E: 21 July 1949 [Silverburn, Isle of Man. Nymph. JSBE6:37-44] 24 July 1959 [Blackheath, Kent. Adults and nymphs. LondonHets]

07F: 28 July 1946 [Merionethshire. Adults. TSBE10:269-280] 29 July 1959 [Blackheath, Kent. Nymphs. LondonHets] 30 July 1980 [Clahar Bridge, Cornwall. CornwallHets]

08A: 3 August 1937 [Near Badminton Park, West Gloucestershire. TSBE6:149-180] 4 August 1940 [Near Hertford, Hertfordshire. Female. TSBE9:151-195] 3 August 1941 [Near Pwllheli, Caernarvonshire. Male and female. TSBE8:169-230] 1 August 1959 [Blackheath, Kent. LondonHets] 5 August 1960 [Broxbourne, Hertfordshire. LondonHets] 2 August 1980 [Goonhilly, Cornwall. CornwallHets] 1 August 1853 [Selborne. EMM69:234-245]

08B: 10 August 1937 [Hatchet Pond, near Beaulieu, Hampshire. TSBE6:149-180] 7 August 1941 [Malldraeth Sands, Anglesey. Male. TSBE8:169-230] 8 August 1941 [Llyn Hendref, Anglesey. Male. TSBE8:169-230] 7 August 1971 [Rye Meads, Hertfordshire. LondonHets]

08C: 11 August 1937 [Highcliffe, South Hampshire. TSBE6:149-180] 13 August 1937 [Countess Wear, near Exeter, South Devon. TSBE6:149-180] 14 August 1941 [Near Chwilog, Caernarvonshire. Females. TSBE8:169-230] 14 August 1946 [Beaumaris Castle, Anglesey. Males, females and nymphs. TSBE10:269-280]

08D: 17 August 1935 [Kirklees Stream, near Mirfield, South-west Yorkshire. TSBE6:149-180] 19 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 17 August 1949 [Hampstead Heath, Middlesex. LondonHets]

08E: 22 August 1941 [Pwllheli, Caernarvonshire. Female. TSBE8:169-230]

08F: 27 August 1941 [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. Female. TSBE8:169-230] 27 August 1946 [Richmond Park, Surrey. Adults and nymphs. JSBE3:158-173]

09A: 5 September 1963 [Higham Marshes, Kent. LondonHets]

09C: 14 September 1946 [Leybourne, Kent. LondonHets] 11 September 2004 [Samphire Hoe, near Dover, VC15. EMM141:193-196]
09D: 19 September 1937 [Richmond Park, Surrey. TSBE6:149-180]
09E: 24 September 1948 [Gravesend, Kent. LondonHets]

Limnoporus rufoscutellatus (Latreille) (Gerridae)
03C: 13 March 1948 [Hoe Common, East Dereham, Norfolk. EMM92:189-193] 11 March 1896 [Bentley Woods, Suffolk. SuffolkHets]
04A: 4 April [Norbury, Surrey. EMM92:189-193]
04B: 9 April 1881 [Guestling, near Hastings. EMM17:278]
04D: 18 April 1889 [Horning, near Norwich, Norfolk. EMM92:189-193] 18 April 1892 [Norbury, Surrey. Ent26:52]
04E: 23 April 1929 [Lough Guitane, Killarney, North Kerry. IrelandHets]
05F: 27 May 1948 [East Malling, Kent. EMM92:189-193]
06A: 5 June 1869 [Jennyswell (Paisley, Refrewshire?). EMM92:189-193]
06C: 14 June 1947 [Milton, Kent. Female. EMM92:189-193]
08C: 13 August 1985 [East Cork. Nymphs. ERJV98:167-168]
09A: 4 September 1958 [Seaton Sluice, Northumberland. Female macropter. Ent95:62-63]
09C: 11 September 1938 [Near Lough Leane, Cahernane, Killarney, Co Kerry. ERJV98:33-35]
09D: 17 September 1985 [East Cork. Adult. ERJV98:167-168]
09E: 23 September 1960 [Lake Shandangan, The Burren, Co Clare. Male. Ent94:149-150]

Detailed records

Aquarius najas (De Geer) (Gerridae)
At margins of swift flowing stream. Attempted mating observed [Hardwicke Brook, Herefordshire. 2 March 2006. Adults. HN11:16]
Pond netting pools of a river [Caha River, West Cork. 7 March 1984. Ent109:53-64]
Pond netting pools of a river [Caha River, West Cork. 24 March 1985. Ent109:53-64]
On a river [Afon Cefni above Llangefni, VC52. 25 March 2018. Adults and nymphs. Hem6:241]
On pond in salt marsh [Pembrokeshire. 31 March 1950. EMM92:54-64]
Pond netting pools of a river [Caha River, West Cork. 30 March 1986. Ent109:53-64]
In stream flowing from lakes [Glendalough, Wicklow. 23 April 1908. IrelandHets]
On slack water at the edge of a river [Near Llangollen, River Dee, VC50. 24 April 2009. Pairs *in copula*. HN13:11]
Rocky river [River Frome at Eastville Park, Bristol, West Gloucestershire. 5 May 1937. Male apters and female apters. TSBE6:149-180]
In a stream [North Hykeham, Lincolnshire. 6 June 1898. Pair *in copula*. EMM34:210]
On river [River Ravensbourne, Catford, Kent. 13 June 1901. Male. LondonHets]
In river [Cedars Park, Cheshunt. 22 June 1960. LondonHets]
Stream in a wood [Cratloe Wood, Co Clare. 6 July 1895. IrelandHets]
Pools in a river [Sheen River near Kenmare, South Kerry. 13 July 1898. IrelandHets]
Below road bridge over a river [Afon Rheidol, Radnorshire. 26 July 2004. Adults. HN4:5]
Shallow, stony river [River Teign above Newton Abbot, South Devon. 17 August 1937. Adult. TSBE6:149-180]
Shallow, stony river [River Teign above Newton Abbot, South Devon. 19 August 1937. Adult. TSBE6:149-180]
On slow flowing section of canal [Montgomery canal, Abermule, Montgomeryshire. 16 August 2004. Adults. HN4:5]
Pond netting pools of a river [Caha River, West Cork. 22 August 1985. Pair. Ent109:53-64]
On river [South Penquite Farm, Blisland, Cornwall. 23 August 2005. CornwallHets]
On a slow, tree-lined stretch of a river [Afon Cadnant below Pont Llandegfan, VC52. 28 August 2017. Adults and nymphs. Hem6:241]
On a lake [Wray Castle, Lake Windermere. 4 September 1946. Adults including pair *in copula*, and nymphs. EMM85:169-173]

On river [River Ravensbourne, Catford, Kent. 4 September 1897. LondonHets]
Pond in quarry [Yellow Hills, Lancashire. 10 September 1944. Male. TSBE10:1-44]
Pond netting pools of a river [Caha River, West Cork. 8 September 1985. Pair. Ent109:53-64]
Along a river and in a canal intake [Near Llangollen, River Dee, VC50. 14 September 2008. HN14:11]
In stream [Lisburn, Co Down. 20 September 1902. IrelandHets]
In a crack in the brickwork of a lock [Grand Union Canal, Croxley Green, Hertfordshire. 29 September 1998. Female micropter. BJENH32:16]
In river [Cheshunt, Hertfordshire. 22 October 1970. LondonHets]
In river [Stanstead Abbots, Hertfordshire. 31 October 1970. LondonHets]
On a canal [Marple, Cheshire. September 1904. EMM42:138]
On running water and on powder-mill ponds [Hastings district. 1883. EMM20:189-190]
On a river, feeding on a *Psallus haematodes* [River Bann just south of Portadown, Co Armagh. 2014. Adult female. HN22:12]
On a river [River Bann just south of Portadown, Co Armagh. 2014. Female macropter. HN22:12]
On a canal [Marple, Cheshire. September 1905. Including macropters. EMM42:138]
In river [River Ravensbourne, Catford, Kent. October 1909. LondonHets]
River tributary in a city [Brecon City, Breckonshire. August 1935. Apters and nymphs. TSBE6:149-180]
On a lake, feeding observed on a diverse range of invertebrates, including Chilopoda, Hemiptera, Neuroptera, Coleoptera, Hymenoptera and Diptera [Wray Castle, Lake Windermere. September 1946. Adults and nymphs. EMM85:169-173]
On a river [Big Water of Fleet, VC72. June 2011. HN17/18:22]
Pond netting pools of a river. 22% of marked bugs were found in the following spring [Caha River, West Cork. 1984-1986. Males and females. Ent109:53-64]
On river [River Rheidol, Cardiganshire. February. Adults. EMM92:54-64]
Upon a mill-stream [Nayland, Suffolk. May. SuffolkHets]
In swirling water between granite rocks [Blackwater of Dee, Kirkcudbrightshire. Huxley2003]
On streams [New Forest. HantsHets]
Ponds/canals [Southern England. TSBE16:1-48]
Rivers [North Somerset. TSBE8:231-290]
Streams [New Forest, South Hampshire. TSBE9:151-195]
River [River Lea, near Hoddesdon, Hertfordshire. TSBE9:151-195]
On a river [River Stour, Norfolk-Suffolk border. TSBE9:151-195]
On a canal [Shefford Canal, Bedfordshire. EMM80:75]
From a river [River Ravensbourne below Lewisham. PSLENHS1901:36-37]
From a river [River Ravensbourne. Ent34:231]
On a lake [Windermere. Butler1923]
Along a river [River Wye, Llyswen, Breconshire. HN11:16]
Rivers [Galloway. HN17/18:22]
Lakes and on sluggish streams [Lake District. Macan1965]
Dry-stone-wall boathouses [Windermere. Macan1965]
Streams [Reigate and Chobham. Saunders1892]

Aquarius paludum (Fabricius) (Gerridae)
Stream in wood clearing [Brede High Wood, East Sussex. 25 April 2004. HN3:6]
Peat pond [Flitton Moor, Bedfordshire. 19 May 2009. HN15:12]
Netted [River Red at Redbourn, Hertfordshire. 26 May 2005. HN8:12]
On a pond [Frensham Little Pond, Surrey. 8 June 1953. EMM89:284-285]
On lake [Rickmansworth, Hertfordshire. 26 July 1953. Male. LondonHets]
Lakes, by vertical net strike [Mill River, near Ipswich, VC25. 5 August 2010. HN16:8]
On lake [Bixley Decoy Lakes, Suffolk. 5 August 2010. HN22:11]
On farm lake [Thurston, Suffolk. 29 August 2012. HN22:11]

Water netting in a peaty pool. Seen striding across the water surface from amongst marginal vegetation [Wildmoor Heath, Crowthorne, Berkshire. 5 September 2009. Adults. BJENH27:25-26]
On pond [Tiptree Heath, VC19. 1 September 2010. HN16:8]
Netted from boat in the centre of a pond [North Cadbury Court Pond, VC6. 2 September 2017. Hem5:154]
In a saltmarsh lagoon near the mouth of a river [River Nene, South Lincolnshire. 2 September 2018. Female. Hem6:217]
Along a canal [Near Farnborough, Surrey. 8 September 1940. Females. TSBE9:151-195]
On a lake [Near Stanton Harcourt, Oxfordshire. 13 September 2009. BJENH27:25-26]
In former course of a river [Newhaven, East Sussex. 16 September 2003. BJENH17:180-181]
On a river [Day's Lock, River Thames, Oxfordshire. 18 September 2009. BJENH27:25-26]
On a Lake [Thrupp Lake, Radley, Watsonian Berkshire. 18 September 2009. BJENH27:25-26]
Newly dug turf pond [Oulton Marshes, Suffolk. 19 September 2014. Male. HN22:12]
In ditch [Filbro' Marshes, near Gravesend, Kent. 24 September 1948. LondonHets]
On a Lake [Thrupp Lake, Radley, Watsonian Berkshire. 22 September 2009. BJENH27:25-26]
Fishing pond in urban heathland [Alder Hills NR, Borough of Poole, Dorset. 28 September 2006. HN9:13]
Peat pond [Flitton Moor, Bedfordshire. 3 October 2006. HN15:12]
On open water of a pond dug into clay [Newdigate Brickpits, Surrey. 10 October 2002. BJENH17:9]
Under shelter of the bank in windy weather, otherwise difficult to catch [Hastings district. 1883. EMM20:189-190]
On various lakes and quarry lagoons. Rest on floating water-plants on windy days [Bedfordshire. 2000. HN15:12]
On newly created pond [East Coppice, Bloxworth, Dorset. 2004. Adults and nymphs. HN4:5]
Recently created pond [Cuxton Pit, West Kent. 2005. Adults and nymphs. HN6:9]
On a lake. The adults hibernate remote from water [Bromham Lake, VC30. 2006. HN22:7]
On an ornamental lily pond [Sandy, Bedfordshire. 2006. HN9:11]
On the surface of a bathing pool. Difficult to capture as very active [Ashdown Forest, Sussex. June 1931. EMM68:38-39]
On a stream, chased up and down with a sweep net, occasionally hiding among the marginal vegetation. Often leapt out of the net [Pamber Forest, Reading district. May 1940. EMM77:101-104]
Pond [Shortheath Pond, North Hampshire. May 1997. EMM134:265-266]
Pond [Holywater Pond, North Hampshire. August 1997. EMM134:265-266]
On an open fishing pond [Abshot Fen, VC11. May 2007. Adults. HN11:12]
On surface of pools [Esher, Surrey. 1922-25. LondonHets]
On a pond [Woolmer Pond, North Hampshire. April/May 1995. EMM133:175-176]
On a pond in an orchard [Fifield, Berkshire. August 1893. EMM29:232-236]
On ponds [New Forest. May 1895. EMM31:192-194]
On pools above 900ft [Cardiganshire. EMM92:54-64]
Pond, on open water beside a dam, and sheltering under bushes growing on the dam [Fourwents Pond, Holmwood, Surrey. JSBE6:37-44]
On a river [River Medway, Tonbridge. EMM85:152-156]
On a pond [Caterham and Eltham. EMM3:25-27]
On reservoirs [Hastings. EMM17:67-68]
On dykes [Salts, Bopeep, near Hastings. EMM17:67-68]
Ponds [Cuxton Pit, VC16. HN11:12]
On small ponds [Flitton Moor, VC30. HN22:7]
On a stream [Sussex. HN9:11]
On a flooded sand-pit [Bedfordshire. HN9:11]

Gerris argentatus Schummel (Gerridae)
In thick fen carr on the edge of a broad [Barton Broad, East Norfolk. 29 April 1951. Ent86:240-242]
Stone pond [Nan Tows Tump, Gloucestershire. 24 May 1936. GloucsHets]
In a meadow [Saltmills, Saltash, Cornwall. 24 May. TSBE1:51-84]
Pool [Near Skibbereen, West Cork. 6 July 1937. TSBE6:149-180]
Amongst vegetation in a lough [Tragemona Lough, near Skibbereen, West Cock. 17 July 1937. TSBE6:149-180]
Lough [Lough Avilliheen, near Skibbereen, West Cork. 18 July 1937. TSBE6:149-180]
Artificial pond on farm land at 400ft [Near Shobdon, Herefordshire. 4 August 1936. TSBE6:149-180]
Ditches/pits [Wicken Fen, Cambridgeshire. 4 August 1937. TSBE9:151-195]
Pond [Epping Forest, South Essex. 5 August 1940. Male and females. TSBE9:151-195]
In a canal [Somerton, Oxfordshire. 4 August 1957. Including micropters. Ent91:15-19]
Brackish pools near an estuary [River Otter at Budleigh Salterton, South Devon. 14 August 1937. TSBE6:149-180]
Clay-pit pool [Near Newton Abbot, South Devon. 18 August 1937. TSBE6:149-180]
On pond in disused brick-pits [Walham, Gloucestershire. 19 August 1943. EMM80:18-19]
On a lake [Loughgilly, Northern Ireland. 25 August 1894. EMM31:33-35]
From a pond [Felbridge, Surrey. 1 September 1937. LondonHets]
Pond [Epping Forest, South Essex. 3 September 1940. Males and females. TSBE9:151-195]
Pond [Uxbridge, Middlesex. 9 September 1934. Ent71:148-153]
Canal [Near Aldershot, North Hampshire. 15 September 1940. Female. TSBE9:151-195]
At edge of gravel-pit lake [Lea Valley, Cheshunt, Hertfordshire. 16 September 1959. LondonHets]
In former course of a river [Newhaven, East Sussex. 16 September 2003. BJENH17:180-181]
Pond in a wood [Near Chobham, Surrey. 24 September 1937. TSBE6:149-180]
Pool [Longleat Park, South Wiltshire. 21 September 1940. Macropters. TSBE9:151-195]
Pond [Uxbridge, Middlesex. 26 September 1935. Ent71:148-153]
On a raft of *Potamogeton natans* in a pond dug into clay [Newdigate Brickpits, Surrey. 10 October 2002. BJENH17:9]
Pond [Hatfield Forest NNR, Essex. 12 October 2001. EMM140:89-96]
In a canal [Royal Canal, Co Dublin. 1893. EMM30:64-65]
In the marginal vegetation of a fishing lagoon [Fulbourn Fen, Cambridgeshire. 2003. HN1:1]
In a pool [Near Weston-super-Mare, Somerset. September 1935. EMM72:19-20]
From a stream [Tal-y-llyn, Brecon, Brecknockshire. May 1950. EMM87:156]
In ruts in an open field [Bedfordshire. April 2004. HN3:6]
Pond [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
On a pond in an orchard [Fifield, Berkshire. August 1893. EMM29:232-236]
On an ornamental lake [Osterley, Middlesex. c1957. LondonHets]
In flood rubbish [Armagh. December. EMM29:35-37]
Ponds [New Forest. HantsHets]
Stone-built pond at c700ft [Near Kilcot, West Gloucestershire. TSBE6:149-180]
Pool with floating vegetation [Near Worle, North Somerset. TSBE8:231-290]
Ponds [Colchester, North Essex. TSBE9:151-195]
In a pool [Petit Jean's Island Pond, Longleat Park, North Wiltshire. JSBE2:165-166]
On lakes and tarns with thick fringes of *Phragmites* [Lake District. JSBE6:37-44]
Pond with thick fringes of *Phragmites* [Fourwents Pond, Holmwood, Surrey. JSBE6:37-44]
Ornamental lake with thick fringes of *Phragmites* [Osterley, Middlesex. JSBE6:37-44]
Mill-pools and brackish water dykes with thick fringes of *Phragmites* [Flatford and Dedham. JSBE6:37-44]
Pond [Hampstead Heath, Middlesex. EMM87:130]
On a pond [Esher. EMM3:25-27]
From a river [River Cherwell. Butler1923]
In a lake [Near Grays, VC18. Male and female. HN16:8]
Ponds [Near Market Weighton Canal (Broomfleet/Oxmardyke), SE Yorkshire. HN3:6]

In lake reed-beds and on tarns [Lake District. Macan1965]

Gerris costae (Herrich-Schaeffer) (Gerridae)
Moorland bogs [Rannoch, North Perthshire. 30 May 1935. TSBE9:151-195]
Peat-hags at 700ft [Nethybridge, East Inverness. 4 June 1935. TSBE9:151-195]
Moorland bogs at over 1500ft [Larig Ghru, East Inverness. 14 June 1935. TSBE9:151-195]
Peat pools in moorland [Moor House NR, Pennines, Northern England. 14 June. TSBE19:173-235]
Moorland bogs at 1500ft [Aviemore, East Inverness. 29 July 1936. TSBE9:151-195]
Moorland bogs at over 1500ft [Larig Ghru, East Inverness. 4 August 1936. TSBE9:151-195]
Peat pools [Tomintoul, Banff. 10 August 1957. Nymphs. JSBE6:37-44]
On a lake, peaty water [Near Roberton, Roxburgh. 11 August 1957. Nymph. JSBE6:37-44]
Stream [Beattock summit, Lanark. 11 August 1957. Nymphs. JSBE6:37-44]
Pond [Kingsmere, Surrey. 23 August 1946. Adults. JSBE3:158-173]
Pond in woodland [Kingsmere, Surrey. 24 August 1946. Adults. JSBE3:158-173]
Pond [Wimbledon Common, Surrey. 24 August 1946. Adults. JSBE3:158-173]
Overhauling roadside pools/ditches [Braemar district. 26 August 1898. EMM35:49-53]
Pools/ditches [Braemar district. 27 August 1898. EMM35:49-53]
Peat pools in moorland [Moor House NR, Pennines, Northern England. 16 September. TSBE19:173-235]
Peat-hags at 700ft [Nethybridge, East Inverness. 24 September 1943. TSBE9:151-195]
Peaty pool [Blackburn, Lancashire. 7 October 1944. Adults and nymphs. TSBE10:1-44]
Pond [Yellow Hills, Lancashire. 12 October 1944. Adult. TSBE10:1-44]
Pond [Bolton-le-Moors. June 1901. ERJV15:23-24]
In a small pool [Near the top of Slieve Gallion, Co Armagh. 1893. EMM30:64-65]
On pools of peat mosses [Dumfriesshire. 1935. EMM72:96]
In streams [Outer Hebrides. 1942. EMM79:120]
Pond netting in peat pool [Island of Rhum, Inner Hebrides. 1980. EG35:201-205]
On a pond [Orton, Cumberland. July 1915. EMM52:66]
On nearly dried-up bog-pools [Killin, Mid-Perthshire. June 1932. EMM68:209-213]
On a small artificial pond on the edge of a wood [Near Leeds. July 1949. Adults and nymphs. EMM87:55]
Stream [Handa Island, Sutherland. May 1952. EG8:236-241]
Peat cutting [Ross & Cromarty. May 1952. EG8:236-241]
Mountain pools up to 1200ft [Hallival, Isle of Rhum NNR. 1960-1961. TSBE18:91-167]
In pools [About Llyn Idwell, North Wales. August. EMM23:213]
In small pool near summit [Slieve Gullion, Armagh. July 1893. IrelandHets]
Moorland areas [Northern Britain. Huxley2003]
Calluna/Sphagnum moorland [The Lothians, SE Scotland. EMM121:125-126]
Lochan [Vatersay, Outer Hebrides. Ent73:101-103]
Loch and stream [Benbecula, Outer Hebrides. Ent74:1-5]
Peat pools on moss [Dumfriesshire. TSBE9:151-195]
On a tarn [Dufton Fell, Westmorland. JSBE6:37-44]
On pools on peat [Newton Moss, Dumfriesshire. EMM73:234-235]
In mountain lochs [Aviemore. EMM13:112]
In boggy ponds [Newtown Hamilton, Co Armagh. EMM29:35-37]
In boggy ponds [Ardara, Donegal. EMM29:35-37]
In a ravine [Great Ayton Moor, Cleveland. Ent51:2-5]
In a deep ravine in mountains [Ninebanks, NE England. Ent51:2-5]
On brackish pools [Hebridean Islands. TRESL92:417-452]
Large bog pool in a hollow in a hillside [Spey Valley near Kingussie, East Inverness-shire. Adults. Ent90:260-268]
On pools in moorland tracts [North of England. Butler1923]
Pools in mountain districts [Wicklow. IrelandHets]
Pools [On Kippure and Lough Bray, Wicklow. IrelandHets]

Boggy ground [Ardara, West Donegal. IrelandHets]
On peat pools on fells [Lake District. Macan1965]
Uplands [Ireland and Scotland. S&L1959]
Brackish pools [Hebrides. S&L1959]

Gerris gibbifer Schummel (Gerridae)
On a garden pond feeding on a midge [Bristol. 26 January 1936. TSBE8:231-290]
In garden pond [Blackheath, Kent. 29 March 1968. LondonHets]
Streamlet [New Forest, South Hampshire. 5 April 1942. Males and females. TSBE9:151-195]
In garden pond [Blackheath, Kent. 3 April 1959. LondonHets]
In a woodland pool [Near Bovey Tracey, Devon. 10 April 1942. EMM93:88]
Pools by river [River Wye, Rhayader, Radnor. 7 April 1957. Males. JSBE6:37-44]
In garden pond [Blackheath, Kent. 7 April 1969. LondonHets]
Peat cuttings at 1000ft [Nant Francon Pass, Carnarvonshire. 14 April 1935. TSBE6:149-180]
On sphagnum pools [Tregaron Bog, Cardiganshire. 15 April 1955. EMM92:54-64]
Peat pools by river [River Irfon, Abergwesyn, Brecon. 11 April 1957. Males and females. JSBE6:37-44]
On ponds [Epsom Common, Surrey. 19 April 1939. LondonHets]
On ponds [Epsom Common, Surrey. 16 April 1950. LondonHets]
In village pond [Bayford, Hertfordshire. 25 April 1962. LondonHets]
In a river [Hertingfordbury, Hertfordshire. 25 April 1962. LondonHets]
In garden pool [Epsom, Surrey. 24 April 1968. Adults. LondonHets]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 30 April 1955. EMM92:221-225]
On a pond amongst *Typha* [Darland's Lake NR, Totteridge, Hertfordshire. 30 April 1983. LondonHets]
Stream at 1000ft [Near Ogwen Cottage, Caernarvonshire. 4 May 1941. Female. TSBE8:169-230]
Peat pools at 1500ft [On Glyder fawr, Caernarvonshire. 4 May 1941. Females. TSBE8:169-230]
On canal/stream [Byfleet. 4 May 1947. PTSLENHS1947-48:60-61]
In garden pool. Chasing and mating seen [Epsom, Surrey. 3 May 1970. Adults. LondonHets]
Pond in wood [Shirley Common, Surrey. 1 May 1897. LondonHets]
On a pond and a swamp [Esher Common, Surrey. 6 May 1952. LondonHets]
Pond [Hadley Green, Barnet, Hertfordshire. 6 May 1953. Male. EG7:97-111&157-166&213-223]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 8 May 1954. EMM92:221-225]
In stream [Bookham Common, Surrey. 9 May 1954. LondonHets]
Pond in wood [Shirley Common, Surrey. 7 May 1898. LondonHets]
Stone-built pond at c700ft [Near Kilcot, West Gloucestershire. 24 May 1936. TSBE6:149-180]
On moat, holding with its front legs and sucking *Tenthredo balteatus*, while skimming the surface [Monk Soham House, Suffolk. 5 June 1908. EMM46:143-144]
Ditch running into lake at 1600ft [By Llyn cwm Orthin, Merionethshire. 15 June 1941. Female. TSBE8:169-230]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 15 June 1955. EMM92:221-225]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 23 June 1954. EMM92:221-225]
Moat [Monk Soham House, Suffolk. 28 June. Nymphs. Ent47:215-218]
In garden pond [Blackheath, Kent. 1 July 1969. Nymphs. LondonHets]
Stone-built pond at c700ft [Near Petty France, West Gloucestershire. 14 July 1935. TSBE6:149-180]
In gravel-pit pool [Hoddesdon, Hertfordshire. 15 July 1965. Adults, including a macropter. LondonHets]
Skimming the film in a bomb hole [Ashtead. 19 July 1947. PTSLENHS1947-48:67]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 22 July 1955. EMM92:221-225]
On a small ornamental pond in a garden [Windlesham, Surrey. 30 July 1962. Adults. EMM98:166]
Peat pool at 2100ft [At the foot of Carnedd Davydd, Caernarvonshire. 10 August 1941. Males, females and nymphs. TSBE8:169-230]
On pools beside river [Cwm Rheidol, Cardiganshire. 7 August 1955. EMM92:54-64]
Pools in peat mud on moor [Moor west of Studland, Dorset. 11 August 1937. TSBE6:149-180]

Pools on sandy clay cliffs [Highcliffe, South Hampshire. 11 August 1937. TSBE6:149-180]
Pools [Haytor Quarry Pools, South Devon. 15 August 1937. TSBE6:149-180]
Pools [Haytor Quarry Pools, South Devon. 18 August 1936. TSBE6:149-180]
Pool in bomb crater [Wimbledon Common, Surrey. 24 August 1946. Adults. JSBE3:158-173]
Ditch [Putney Heath, Surrey. 25 August 1946. Adults. JSBE3:158-173]
On a pond amongst *Sphagnum* [Esher Common, Surrey. 25 August 1952. LondonHets]
Pond [Richmond Park, Surrey. 27 August 1946. Adults. JSBE3:158-173]
Pond [Richmond Park, Surrey. 27 August 1946. Adults and nymphs. JSBE3:158-173]
Lake [Waen Y Llyn, Flintshire. 29 August 2008. Hem6:219]
In garden pool [Epsom, Surrey. 1 September 1968. Adults and nymphs. LondonHets]
Peaty pool [Near Blackburn, Lancashire. 10 September 1944. Males, females and nymphs. TSBE10:1-44]
Moorland ditch [Near Aldershot, North Hampshire. 15 September 1940. Males and females. TSBE9:151-195]
Pond [Blackburn, Lancashire. 7 October 1944. Female. TSBE10:1-44]
Pond [Blackburn, Lancashire. 7 October 1944. Females. TSBE10:1-44]
In a pool [Broxbournebury Gravel Pit, Hertfordshire. 18 October 1970. Female macropter. LondonHets]
Peat pool [Near Darwen Tower, Lancashire. 11 November 1944. Adults. TSBE10:1-44]
Peat pool [Near Darwen Tower, Lancashire. 11 November 1944. Adults. TSBE10:1-44]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 20 November 1954. EMM92:221-225]
On a pond on a salt marsh [Solway, Cumberland. 1916. EMM53:112-113]
In pond in garden [Coulsdon, Surrey. 1952. LondonHets]
In peat pools [Silver Flowe, SE Scotland. 1959. Huxley2003]
On a river [Blackwater of Dee, Kirkcudbrightshire. 1995. Huxley2003]
Garden pond [Dunstable, Bedfordshire. 2002. HN1:3]
In a shallow trickle at the bottom of a deep ditch in a desolate arable landscape [Fulbourn Fen, Cambridgeshire. 2003. HN1:1]
On a small lake [Thurstonfield Lough, near Carlisle, Cumberland. June 1925. EMM62:21]
In the weeds of a river [River Brede, Brede, Sussex. July 1936. EMM72:258-259]
Pool in *Sphagnum* bog [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
In a peat hole [Newton Moss, Dumfriesshire. May 1938. EMM76:179-180]
On a small artificial pond on the edge of a wood. Seen attacking living prey of their own species, and a worker-wasp *Vespula vulgaris* struggling on the surface of the water [Near Leeds. July 1949. Adults and nymphs. EMM87:55]
Pond [Newark Park, Gloucestershire. July 1998. GloucsHets]
On surface of pools and in a dried-up pool [Esher Common, Surrey. 1922-1925. LondonHets]
From a complex of clay-bedded lowland ponds [Rossett LNR in Harrogate, VC64. 2001/2002. HN19/20:12]
Trout stream [River Char, Lyme Regis, Dorset. Easter 1935. TSBE6:149-180]
On ponds [New Forest. May 1895. EMM31:192-194]
Moorland waters and on swamp streams [Cardiganshire. EMM92:54-64]
In small pools of running water at 2000ft [Brecon Beacons, Brecs. EMM96:214]
In peaty running water at 1400ft [Near the source of River Towy, Cardiganshire. EMM96:214]
Pond [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
In garden pond [Toddington, Bedfordshire. BJENH16:186]
Shallow pool at 680m [Bwlch Tryfan, Caernarvonshire. Huxley2003]
Peaty ponds [Southern England. TSBE16:1-48]
Heathland pools [Studland, Isle of Purbeck, Dorset. TSBE18:19-33]
Woodland pools [Arne, Isle of Purbeck, Dorset. TSBE18:19-33]
On stone-built ponds, concrete lily pond in a garden and reservoir [North Somerset. TSBE8:231-290]
Backwaters of streams [Ivybridge, South Devon. TSBE9:151-195]
Peaty pools [Dartmoor, South Devon. TSBE9:151-195]
Concrete lily-pond in a garden [Highgate, London. JSBE6:37-44]

Peat pools [Wales. Ent90:260-268]
Peat pools [Lake District. Ent90:260-268]
On brackish water [Suffolk. Butler1923]
From a river [River Thames. Butler1923]
On peat pools [Lake District. Macan1965]
Upon brackish water [Suffolk. SuffolkHets]

Gerris lacustris (Linnaeus) (Gerridae)
Torpid specimen in woodland leaf-litter [Symonds Yat, Forest of Dean, Gloucestershire. 21 February 1988. EG43:219-220]
On underside of a plank lying on the ground by a stream [Rye Meads, Hertfordshire. 28 February 1970. Brachypters. LondonHets]
In channels and streams of a sewage works [Rye Meads, Hertfordshire. 28 February 1970. LondonHets]
Beneath a flint on a slope [Above Headley Lane, Dorking, Surrey. 4 March 1956. Male macropter. EMM92:374]
In a pool [Rye Meads, Hertfordshire. 18 March 1972. LondonHets]
Deep in long damp moss growing under a furze-bush on a hillock [Weybridge. 17 March 1882. EMM19:20]
Lake [Beech Hill Lake, Hertfordshire. 26 March 1953. Males. EG7:97-111&157-166&213-223]
On surface of a river [Ewell, Surrey. 1 April 1939. LondonHets]
Pond [Near Hertford Heath, Hertfordshire. 5 April 1940. Male. TSBE9:151-195]
Pool [Near Glasfryn, Caernarvonshire. 5 April 1941. Female. TSBE8:169-230]
Pool on chalk [North of Witherington Down, South Wiltshire. 3 April 1942. Female. TSBE9:151-195]
In ditch [Filbro' Marshes, near Gravesend, Kent. 5 April 1947. LondonHets]
In lake [Wrotham Park, Enfield, Middlesex. 4 April 1954. LondonHets]
Woodland pond [Broxbourne Woods, Hertfordshire. 6 April 1940. Female. TSBE9:151-195]
Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 10 April 1952. Male and female. Ent87:77-82]
Pool by river [River Wye, Rhayader, Radnor. 7 April 1957. Male, female macropter and female brachypter. JSBE6:37-44]
On stream [Hackbridge, Surrey. 15 April 1939. LondonHets]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 15 April 1955. EMM92:221-225]
Beneath *Brachypodium* sward with mosses on a slope [Happy Valley, Dorking, Surrey. 13 April 1956. Female macropters. EMM92:374]
Lake [Llyn Cororion, near Bangor, Carnarvonshire. 16 April 1935. TSBE6:149-180]
River [River Lugg, Herefordshire. 17 April 1936. TSBE6:149-180]
Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 19 April 1952. Males and females. Ent87:77-82]
In stream [Rye Meads, Hertfordshire. 19 April 1969. LondonHets]
Sunken brick pond in a vegetable garden [Haileybury College, Hertfordshire. 21 April 1940. Males and female. TSBE9:151-195]
Ditch running into river [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. 24 April 1941. Female. TSBE8:169-230]
Lake [Beech Hill Lake, Hertfordshire. 23 April 1953. Females. EG7:97-111&157-166&213-223]
In bomb crater [Epping Forest, Essex. 21 April 1960. LondonHets]
On pond [Lower Nazeing, Essex. 25 April 1962. Adults. LondonHets]
On village pond [Bayford, Hertfordshire. 25 April 1962. LondonHets]
On puddles in wheel ruts in wood rides [Ham Street Wood NNR, West Kent. 23 April 2004. HN3:6]
Stream in wood clearing [Brede High Wood, East Sussex. 24 April 2004. HN3:6]
On puddles in wheel ruts in wood rides [Brede High Wood, East Sussex. 24 April 2004. HN3:6]
In thick fen carr on the edge of a broad [Barton Broad, East Norfolk. 29 April 1951. Ent86:240-242]

Lake [Beech Hill Park, Enfield, Middlesex. 26 April 1953. LondonHets]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 30 April 1955. EMM92:221-225]
In new pond [Darland's Lake NR, Totteridge, Hertfordshire. 30 April 1983. LondonHets]
Rocky river [River Frome at Eastville Park, Bristol, West Gloucestershire. 5 May 1937. TSBE6:149-180]
Pool [Afon Erch, Caernarvonshire. 5 May 1941. Females. TSBE8:169-230]
Ditch [Afon Erch, Caernarvonshire. 5 May 1941. Male and female. TSBE8:169-230]
On canal and stream [Byfleet. 4 May 1947. PTSLENHS1947-48:60-61]
Gravel pits [Park Gate, near Hatfield, Middlesex. 4 May 1952. LondonHets]
On river [River Rheidol, Aberystwyth, Cardiganshire. 5 May 1955. EMM92:54-64]
A field pond [Essendon, Hertfordshire. 1 May 1971. LondonHets]
In former watercress beds [Lemsford Springs, Hertfordshire. 2 May 1971. LondonHets]
On a bog [Thursley Common, Surrey. 5 May 1975. LondonHets]
In bomb crater [Epping Forest, Essex. 10 May 1952. Male. LondonHets]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Male. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Males and females. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Males and females. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, Hertfordshire. 8 May 1954. Males and females. EG7:97-111&157-166&213-223]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 8 May 1954. EMM92:221-225]
In pond [Hertford Heath, Hertfordshire. 6 May 1962. LondonHets]
In wet gravel pit [Broxbourne Meads, Hertfordshire. 10 May 1962. LondonHets]
In navigation [Rye Meads, Essex. 9 May 1963. LondonHets]
On peat pool [Lemsford Springs, Hertfordshire. 7 May 1972. LondonHets]
Pond in a wood [Shirley Common, Surrey. 7 May 1898. LondonHets]
Ditch round an airport [Shoreham, West Sussex. 13 May 1940. Males and female. TSBE9:151-195]
Pond [Near Brighton, East Sussex. 15 May 1940. Male and female. TSBE9:151-195]
River [Afon Erch, Caernarvonshire. 11 May 1941. Female. TSBE8:169-230]
Juncus bed on the bank of an estuary [Afon Erch, Caernarvonshire. 12 May 1941. Female. TSBE8:169-230]
Stream [Mimms Wash Stream, Hertfordshire. 13 May 1954. Males and females. EG7:97-111&157-166&213-223]
Ditches [Between Worthing and Goring, West Sussex. 17 May 1940. Males and females. TSBE9:151-195]
River [Afon Erch, Caernarvonshire. 18 May 1941. Male and female. TSBE8:169-230]
River [Afon Erch, Caernarvonshire. 18 May 1941. TSBE8:169-230]
Pond [Dyrham Park, Enfield, Middlesex. 17 May 1953. Male and female. EG7:97-111&157-166&213-223]
Overgrown ornamental pond [Dyrham Park, Enfield, Middlesex. 17 May 1953. Males and female. EG7:97-111&157-166&213-223]
From a lake [Near Kilnaboy, The Burren, Co Clare. 17 May 1959. Male and female. EMM95:155]
From a lake [Lake Bunny, The Burren, Co Clare. 19 May 1959. Male and female. EMM95:155]
Pool [Great Amwell, Hertfordshire. 16 May 1971. LondonHets]
Stone-built pond at c700ft [Near Kilcot, West Gloucestershire. 24 May 1936. TSBE6:149-180]
Clay meadow pond [Filton Aerodrome, Gloucestershire. 24 May 1936. GloucsHets]
Sunken brick pond in a vegetable garden [Haileybury College, Hertfordshire. 24 May 1940. TSBE9:151-195]
Ditch [Near Efail Newydd, Caernarvonshire. 22 May 1941. Female. TSBE8:169-230]
From a stream [In or near The Burren, Co Clare. 23 May 1959. Male and female. EMM95:155]
From a lake [Lake George, The Burren, Co Clare. 25 May 1959. Male and female. EMM95:155]
In ponds [Epsom Common, Surrey. 24 May 1970. LondonHets]
Pasture pond [Wrotham Park, Enfield, Middlesex. 22 May 1971. LondonHets]

Pond [Near Hertford Heath, Hertfordshire. 29 May 1940. Males and female. TSBE9:151-195]
Pond [Hampstead Heath, Middlesex. 27 May 1950. LondonHets]
Ditch [Near Efail Newydd, Caernarvonshire. 2 June 1941. Male and females. TSBE8:169-230]
Among *Typha* below a lake outflow [Darland's Lake NR, Totteridge, Hertfordshire. 2 June 1984. LondonHets]
Ditch [Afon Erch, Caernarvonshire. 7 June 1941. Males and female. TSBE8:169-230]
Pool [Near Glasfryn, Caernarvonshire. 10 June 1941. Females. TSBE8:169-230]
Backwater of mountain stream at 2000ft [Below Llyn Conglog, Merionethshire. 15 June 1941. Male. TSBE8:169-230]
Pools in a disused gravel pit [Near Hoddesdon, Hertfordshire. 19 June 1940. Male. TSBE9:151-195]
Lake [Llyn Mair, Merionethshire. 16 June 1941. Male. TSBE8:169-230]
Pond on cliffs near coast [Near Morfa Nevin, Caernarvonshire. 20 June 1941. Female. TSBE8:169-230]
Pond [Near Hertford Heath, Hertfordshire. 23 June 1940. TSBE9:151-195]
Lake shore [Llyn Glasfryn, Caernarvonshire. 24 June 1941. Male and female. TSBE8:169-230]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 24 June 1954. EMM92:221-225]
Pond [Afon Horon, Caernarvonshire. 28 June 1941. Male. TSBE8:169-230]
In a pond [Near Hertford Heath, Hertfordshire. 5 July 1940. Male. LondonHets]
Pool by river [River Alyn, Mold, Flint. 4 July 1949. Males and females. JSBE6:37-44]
Pool [Near Skibbereen, West Cork. 6 July 1937. TSBE6:149-180]
Pond [Near Hertford Heath, Hertfordshire. 9 July 1940. Males and females. TSBE9:151-195]
Ditch [Afon Erch, Caernarvonshire. 8 July 1941. TSBE8:169-230]
River [Afon Erch, Caernarvonshire. 10 July 1941. Including a pair *in copula*. TSBE8:169-230]
On the surface of the water in a reed bed of a stream [Near Fancott, Bedfordshire. 8 July 1944. ERJV57:72-73]
Stone-built pond at c700ft [Near Petty France, West Gloucestershire. 14 July 1935. TSBE6:149-180]
Woodland pond [Broxbourne Woods, Hertfordshire. 13 July 1940. Males and female. TSBE9:151-195]
Pond [Fengate, Peterborough, Northamptonshire. 14 July 1940. Female. TSBE9:151-195]
Stream running through salt-marsh [Lough Ine, near Skibbereen, West Cork. 16 July 1937. TSBE6:149-180]
In sandy pond [Burgh Heath, Surrey. 18 July 1970. LondonHets]
Dyke [Car Dyke, Peterborough, Northamptonshire. 25 July 1940. Females. TSBE9:151-195]
Ditch [Afon Erch, Caernarvonshire. 22 July 1941. Female. TSBE8:169-230]
Artificial tarn [Near Cynwyd Station, Merionethshire. 21 July 1946. Female. TSBE10:269-280]
In horse pond [Wimbledon Common, Surrey. 24 July 1946. LondonHets]
Pond [Near Cynwyd Station, Merionethshire. 25 July 1946. Adults. TSBE10:269-280]
Pond [Near Cynwyd Station, Merionethshire. 25 July 1946. Adults and nymphs. TSBE10:269-280]
Stream [Peterborough, Huntingdonshire. 31 July 1940. Male and females. TSBE9:151-195]
River [Afon Erch, Caernarvonshire. 28 July 1941. Males and female. TSBE8:169-230]
Lake [Merionethshire. 28 July 1946. Adults and nymphs. TSBE10:269-280]
Dyke [Dartford Marshes, Kent. 26 July 1953. LondonHets]
On a small ornamental pond in a garden [Windlesham, Surrey. 30 July 1962. Adults. EMM98:166]
Artificial pond on farm land at 400ft [Near Shobdon, Herefordshire. 4 August 1936. TSBE6:149-180]
Pond [Fengate, Peterborough, Northamptonshire. 1 August 1940. Male and female. TSBE9:151-195]
Pools in sandy gravel pits [Near Hertford, Hertfordshire. 4 August 1940. Males and female. TSBE9:151-195]
Pond [Epping Forest, South Essex. 5 August 1940. Male. TSBE9:151-195]
In a canal [Somerton, Oxfordshire. 4 August 1957. Ent91:15-19]

On pools amongst *Myrica gale* in a marsh [Creinch, Dumbartonshire, Loch Lomond NNR. 4 August 1967. EMM114:21-24]
In clay pit [Esher, Surrey. 2 August 1970. LondonHets]
Lakes [Mill River, near Ipswich, VC25. 5 August 2010. HN16:8]
River [River Lea, near Hoddesdon, Hertfordshire. 6 August 1940. Females. TSBE9:151-195]
Sunken brick pond in a vegetable garden [Haileybury College, Hertfordshire. 7 August 1940. TSBE9:151-195]
Canal [Somerton, Oxfordshire. 10 August 1940. Female. TSBE9:151-195]
Lake [Llyn Hendref, Anglesey. 8 August 1941. Male and females. TSBE8:169-230]
Artificial pond [Eiria's Park, Colwyn Bay, Denbighshire. 10 August 1946. Adults. TSBE10:269-280]
Artificial pool [Eiria's Park, Colwyn Bay, Denbighshire. 10 August 1946. Adults and nymph. TSBE10:269-280]
Tarn [Faskally House, Pitlochry, Perth North. 7 August 1957. Males and females. JSBE6:37-44]
In channel [Lemsford Springs, Hertfordshire. 8 August 1971. Adult and nymph. LondonHets]
Pools on sandy clay cliffs [Highcliffe, South Hampshire. 11 August 1937. TSBE6:149-180]
Roadside pools [Countess Wear, near Exeter, South Devon. 13 August 1937. TSBE6:149-180]
Meadow-pond [Countess Wear, near Exeter, South Devon. 13 August 1937. TSBE6:149-180]
Pond [Near Abererch, Caernarvonshire. 15 August 1941. Males and female. TSBE8:169-230]
Pond [Cherry Tree Station, Lancashire. 15 August 1944. Males and females. TSBE10:1-44]
Brackish stream [Boundry of Denbighshire/Caernarvonshire, Rhos-on-Sea. 13 August 1946. Males and females. TSBE10:269-280]
Moat [Beaumaris Castle, Anglesey. 14 August 1946. Adults and nymphs. TSBE10:269-280]
Lake [Llyn Coron, Anglesey. 14 August 1946. Males, females and nymphs. TSBE10:269-280]
Ditch [West of Bryn Euryn, Denbighshire. 15 August 1946. Adults. TSBE10:269-280]
Ditch [West of Bryn Euryn, Denbighshire. 15 August 1946. Adults and nymphs. TSBE10:269-280]
End of former watercress beds [Lemsford Springs, Hertfordshire. 15 August 1971. Adults and nymphs. LondonHets]
River [River Lugg, Herefordshire. 19 August 1936. TSBE6:149-180]
Shallow, stony river [River Teign above Newton Abbot, South Devon. 17 August 1937. TSBE6:149-180]
Shallow, stony river [River Teign above Newton Abbot, South Devon. 19 August 1937. TSBE6:149-180]
Pond in field [Near Newton Abbot, South Devon. 19 August 1937. TSBE6:149-180]
In a calm area of a river under a bridge [River Cherwell, Somerton, Oxfordshire. 18 August 1940. Males and female. TSBE9:151-195]
Canal [Thrupp, Oxfordshire. 19 August 1940. TSBE9:151-195]
Canal [Lower Heyford, Oxfordshire. 20 August 1940. Males and female. TSBE9:151-195]
In a calm area of a river [River Cherwell, Lower Heyford, Oxfordshire. 20 August 1940. TSBE9:151-195]
Ditch [Afon Erch, Caernarvonshire. 17 August 1941. TSBE8:169-230]
Pool [Near Glasfryn, Caernarvonshire. 18 August 1941. Male and female. TSBE8:169-230]
Tarn [Near Glasfryn, Caernarvonshire. 18 August 1941. Male and female. TSBE8:169-230]
Pond [Blackburn/Preston, Lancashire. 17 August 1944. Males. TSBE10:1-44]
In a canal [Cheshunt, Hertfordshire. 17 August 1960. LondonHets]
On stream [Cheshunt, Hertfordshire. 18 August 1971. Nymphs. LondonHets]
Pond by estuary [River Severn, Sheperdine, West Gloucestershire. 21 August 1940. TSBE9:151-195]
Brackish pool [Pwllheli, Caernarvonshire. 22 August 1941. Males and female. TSBE8:169-230]
Pond [Near Myercough Hotel, Lancashire. 21 August 1944. Males and females. TSBE10:1-44]
Pond [Kingsmere, Surrey. 23 August 1946. Adults. JSBE3:158-173]
Pond [Kingsmere, Surrey. 23 August 1946. Adults and nymph. JSBE3:158-173]
Stream [Kingsmere, Surrey. 23 August 1946. Adults and nymphs. JSBE3:158-173]
Pool in bomb crater [Wimbledon Common, Surrey. 24 August 1946. Adult. JSBE3:158-173]

Pond [Wimbledon Common, Surrey. 24 August 1946. Adults. JSBE3:158-173]
Pond [Wimbledon Common, Surrey. 24 August 1946. Adults. JSBE3:158-173]
Pond in woodland [Kingsmere, Surrey. 24 August 1946. Adults and nymphs. JSBE3:158-173]
Bomb crater in woodland [Wimbledon Common, Surrey. 24 August 1946. Adults and nymphs. JSBE3:158-173]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Males. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Males and females. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 25 August 1953. Males and females. EG7:97-111&157-166&213-223]
On garden pond [Streatham, Surrey. 24 August 1963. LondonHets]
In a pool [Rye Meads, Hertfordshire. 24 August 1968. LondonHets]
End of former watercress beds [Lemsford Springs, Hertfordshire. 22 August 1971. Adults and nymphs. LondonHets]
Pond [Glinton, Northamptonshire. 27 August 1940. Males and female. TSBE9:151-195]
Estuary [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. 27 August 1941. Male and females. TSBE8:169-230]
Lake shore [Llyn Glasfryn, Caernarvonshire. 27 August 1941. Males and female. TSBE8:169-230]
Pond in quarry [Near Rishton, Lancashire. 30 August 1944. Adults. TSBE10:1-44]
Pond [Richmond Park, Surrey. 27 August 1946. Adults. JSBE3:158-173]
Bomb crater [Richmond Park, Surrey. 27 August 1946. Adults. JSBE3:158-173]
Pond [Richmond Park, Surrey. 27 August 1946. Adults and nymphs. JSBE3:158-173]
On river pools and a stream [Colney Heath, Hertfordshire. 28 August 1971. LondonHets]
Pond [Epping Forest, South Essex. 3 September 1940. Males and female. TSBE9:151-195]
Quarry [Blackburn, Lancashire. 1 September 1944. Males and females. TSBE10:1-44]
Settling in the sun near a garden pond [Blackheath, Kent. 2 September 1959. Female. LondonHets]
Under willow trees on dyke [Tollstream Gravel Pit, Rye Meads, Hertfordshire. 4 September 1971. LondonHets]
Canal [Near Farnborough, Surrey. 8 September 1940. Males and females. TSBE9:151-195]
Freshwater lake on the coast [Little Sea, Studland, Dorset. 9 September 1949. Adults and nymphs. Ent87:45-53]
On overgrown ponds [Chorleywood Common, Hertfordshire. 10 September 1971. LondonHets]
Ditches behind sea wall [Near Aust, West Gloucestershire. 11 September 1935. TSBE6:149-180]
Roadside pool [Totteridge, near Barnet, Hertfordshire. 19 September 1937. TSBE6:149-180]
Reservoir [Baldestone Park, Lancashire. 18 September 1944. Females and nymphs. TSBE10:1-44]
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 20 September 1953. Female. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, Hertfordshire. 20 September 1953. Males and females. EG7:97-111&157-166&213-223]
On rivers [Rye House, Hertfordshire. 18 September 1971. LondonHets]
Pond in a wood [Near Chobham, Surrey. 24 September 1937. TSBE6:149-180]
Ornamental lake [Longleat Park, South Wiltshire. 21 September 1940. TSBE9:151-195]
Pool [Longleat Park, South Wiltshire. 21 September 1940. TSBE9:151-195]
In ditch [Filbro' Marshes, near Gravesend, Kent. 24 September 1948. LondonHets]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
In pond [Nazeing, Essex. 25 September 1964. Male macropter, female brachypters and nymph. LondonHets]
Reservoir [Langho, Lancashire. 30 September 1944. Male, females and nymphs. TSBE10:1-44]

Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 28 September 1952. Males. Ent87:77-82]
In bomb crater [Epping Forest, Essex. 29 September 1952. LondonHets]
In enriched peat pond [South Penquite Farm, Blisland, Cornwall. 26 September 2005. CornwallHets]
Canal [Near Farnborough, Surrey. 1 October 1940. Male and females. TSBE9:151-195]
Pond in quarry [Near Belthorn, Lancashire. 5 October 1944. Males, females and nymphs. TSBE10:1-44]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 1 October 1954. EMM92:221-225]
On a river and river confluence [Broad Colney, Hertfordshire. 1 October 1971. LondonHets]
Under a discarded notice board, near a lake edge [Duck Island, St James's Park, London. 1 October 2018. BJENH32:16]
Pond [Blackburn, Lancashire. 14 October 1944. Females and nymphs. TSBE10:1-44]
Stream [Mimms Wash Stream, Hertfordshire. 11 October 1953. Males and females. EG7:97-111&157-166&213-223]
In acid ponds [Stanmore Ponds, Middlesex. 14 October 1970. LondonHets]
On river [London Colney, Hertfordshire. 14 October 1970. LondonHets]
Pond [Hatfield Forest NNR, Essex. 12 October 2001. EMM140:89-96]
Picking up out of a dyke on sandhills [Deal. 14 October. Nymph. Ent33:355]
In small pools [Broxbournebury Gravel Pit, Hertfordshire. 18 October 1970. Brachypters. LondonHets]
Fell out of a tussock when clearing former allotments [Hurstpierpoint, Sussex. 21 October 2004. BJENH32:16]
Swept from stands of *Glyceria maxima* [Coronation Cut flood relief channel of River Welland at Spalding, VC53. 22 October 2007. Nymphs. HN10:13]
Pond by river [River Ouse, Bedfordshire. 29 October 1940. Males. TSBE9:151-195]
Pond [Hadley Green, Hertfordshire. 29 October 1953. Females. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 29 October 1953. Males. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 29 October 1953. Males and females. EG7:97-111&157-166&213-223]
In and on ponds [Hadley Green, Barnet, Hertfordshire. 30 October 1970. Adults. LondonHets]
On a river [Watford East, Hertfordshire. 30 October 1970. Male. LondonHets]
In river [Colney Heath, Hertfordshire. 30 October 1970. Male. LondonHets]
Active on a small woodland pool [Near Bromsgrove, Worcestershire. 3 November 1946. EMM83:132]
Pond [Hadley Green, Hertfordshire. 22 November 1953. Female. EG7:97-111&157-166&213-223]
On ditches/sphagnum pools [Tregaron Bog NR, Cardiganshire. 22 November 1954. EMM92:221-225]
Trout stream [River Char, Lyme Regis, Dorset. 1935. TSBE6:149-180]
On garden ornamental pond [Gravesend, Kent. 1943. LondonHets]
Pond netting [Island of Rhum, Inner Hebrides. 1980. EG35:201-205]
In a shallow trickle at the bottom of a deep ditch in a desolate arable landscape [Fulbourn Fen, Cambridgeshire. 2003. HN1:1]
On a wayside pond [Buckinghamshire. August 1915. Nymphs. Butler1923]
In a marsh and on a lake [Rhosneigr, Anglesey. August 1932. EMM68:231-232]
Peat cuttings at 1000ft [Nant Francon Pass, Carnarvonshire. April 1935. TSBE6:149-180]
On the backwater of a river [River Kirtle, Dumfriesshire. July 1935. EMM72:96]
Artificial pools [Near Aymestry, Herefordshire. August 1936. TSBE6:149-180]
Overflow ponds of a river [River Lugg, near Holme Lacey, Herefordshire. August 1936. TSBE6:149-180]
Pond [Easthampton, Herefordshire. August 1936. TSBE6:149-180]
Meadow-pond [Easthampton, Herefordshire. August 1936. TSBE6:149-180]
Stream [Leyditch Brook, near Ashford Carbonell, Shropshire. August 1936. TSBE6:149-180]
Roadside pond [Near Ashford Carbonell, Shropshire. August 1936. TSBE6:149-180]

Ornamental ponds [Alderbury Park, South Wiltshire. August 1936. TSBE6:149-180]
River tributary in a city [Brecon City, Breckonshire. August 1936. TSBE6:149-180]
On a small artificial pond on the edge of a wood [Near Leeds. July 1949. Adults and nymphs. EMM87:55]
Pool in stream [Ross & Cromarty. May 1952. EG8:236-241]
Ornamental pond [Ross & Cromarty. May 1952. EG8:236-241]
Peat pool [Sutherland. May 1952. EG8:236-241]
From a lake [Lake Inchiquin, The Burren, Co Clare. May 1959. Male and female. EMM95:155]
On pond [Perivale, Middlesex. September 1963. LondonHets]
From a garden pond [Battle, East Sussex. February 1992. ERJV105:221-226]
Pond [Newark Park, Gloucestershire. July 1998. GloucsHets]
Ponds [Cuxton Pit, VC16. March 2006. HN11:12]
On ponds [About Bolton, South Lancashire. 1902-1903. Ent36:318-319]
On the surface of pools [Esher, Surrey. 1922-1925. LondonHets]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 1953-1954. Ent88:66-67]
On open water and a stream [Ruislip LNR, Middlesex. 1963-1964. LondonHets]
Mere and river/stream [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
On the coast [Suffolk. August. SuffolkHets]
In the base of a tussock in a thick scrubby tangle of long abandoned allotments [Hurtspierpoint, Sussex. Autumn 2004. HN6:7]
On flooded gravel pits [Loughton, Epping Forest, Essex. c1957. LondonHets]
On pond [Holmwood, Surrey. c1957. LondonHets]
On a garden pond [Four Marks, Hampshire. Early March. BJENH32:16]
New ponds [Chadkirk Chapel Estate LNR, near Manchester, VC58. July. HN17/18:22]
Small shallow pond at 400ft [Hadley Common, Hertfordshire. EMM90:168]
On river [River Teifi, Cardiganshire. EMM92:54-64]
Small ponds [Peterborough district. EG20:125-135]
Pond [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
At pool [Hilldditch Pool, Hartlebury Common LNR, Worcestershire. EMM133:17-26]
In ponds [The Lothians, SE Scotland. Including brachypters. EMM121:125-126]
Ponds and brook [Hatfield Forest NNR, Essex. EMM140:89-96]
At a pond [Hampstead Heath, Middlesex. PTSLENHS1949-50:36-38]
On the surface of a river [River Yeo, Congresbury, Somerset. TSBE5:259-280]
On the surface of a river [River Lugg, Aymestrey, Herefordshire. TSBE5:259-280]
Ponds [Southern England. TSBE16:1-48]
Salt marsh, bomb-crater [Brownsea Island, Dorset. TSBE18:19-33]
Meadow-pond [Near Filton Aerodrome, West Gloucestershire. TSBE6:149-180]
On small shallow peat-pool at c. 2000ft [Devil's Punch Bowl, Mangerton Mountain, South Kerry. TSBE6:149-180]
On pool and clay-pits [North Somerset. TSBE8:231-290]
Ponds on heath [Parley, Dorset. TSBE9:151-195]
Ponds in clay-pits [Wareham, Dorset. TSBE9:151-195]
In open water of a river [River Kirtle, Dumfriesshire. TSBE9:151-195]
Ponds [Colchester, North Essex. TSBE9:151-195]
On man-made tarns [Lake District. JSBE6:37-44]
On flooded gravel pits, beneath trees and overhanging bushes [Loughton, Essex. JSBE6:37-44]
On pond, beneath an oak tree [Fourwents Pond, Holmwood, Surrey. JSBE6:37-44]
On a pond surrounded by paving stones [Rochester, East Kent. JSBE6:37-44]
In a static water tank [Luton. Adults and nymphs. EMM81:141]
Streamlet and ditch in a meadow [Boxmoor, Hertfordshire. EMM85:249-253]
On ponds [Cummersdale, Cumberland. EMM51:145-146]
Prey for *Notonecta* [Near Midleton, Co Cork. EcolEnt11:163-172]
Pond [Near Brookland, Romney Marsh, Kent. Female. Ent90:167-177]
Large bog pool in a hollow in a hillside, and pool in rough-grazing meadow [Spey Valley near Kingussie, East Inverness-shire. Adults. Ent90:260-268]

In the sea close to the shore [Near Littlehampton, Sussex. Butler1923]
Garden pond [Near Portadown, Co Armagh. HN6:2]
Subsidence ponds [South-east Northumberland. HSGN3:12]
From an overgrown ornamental pond [Dyrham Park, Enfield, Middlesex. Males and female. LondonHets]
On ponds [Near Haileybury, Hertfordshire. LondonHets]
Ponds [Epping Forest, Essex. LondonHets]
On tarns and in lake reed-beds [Lake District. Macan1965]
In a peat-pool at 2000ft [Co Kerry. S&L1959]
In ponds [Redhill, Surrey. Prior to 1867. LondonHets]
Ornamental pond [Gravesend, Kent. Summer 1943. EMM83:104]

Gerris lateralis Schummel (Gerridae)
In a woodland pool [Near Bovey Tracey, Devon. 10 April 1942. Females. EMM93:88]
On a small, shallow backwater [Leckford Estate, North Hampshire. 18 April 1982. BJENH19:131]
Ditch running into river [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. 22 April 1941. Female apter. TSBE8:169-230]
At the base of emergent sedges in shallow flooded swampy ground [The Wildgrounds, Alver Valley, Gosport, South Hampshire. 26 April 2005. Wingless. BJENH18:252]
On small pools on raised bog [Tregaron Bog NR, Cardiganshire. 15 June 1955. EMM92:221-225]
In lake [Stafford Lake, Bisley, Surrey. 16 June 1974. LondonHets]
Peat hole [South Kerry. 13 July 1937. Male apters and female apters. TSBE6:149-180]
Pond [Richmond Park, Surrey. 27 August 1946. Adults. JSBE3:158-173]
On a pool [Raby Golf Course, Cheshire. 29 September 1957. Male apter. JSBE6:37-44]
From part of lough choked with vegetation [Ardagh Lough, Killarney. 9 December 1929. Apterous male and apterous female. TSBE6:149-180]
In a small loch [Near Minshall, Isle of Rhum. 1938. EMM76:53]
On a loch [Loch Cliad, Isle of Coll. 1939. EMM76:53]
Pond netting [Island of Rhum, Inner Hebrides. 1980. EG35:201-205]
On a slow-flowing brook [Holt, Norfolk. March 1918. EMM55:33]
On a small lake [Thurstonfield Lough, near Carlisle, Cumberland. June 1925. Macropters. EMM62:21]
From clay-pit choked with vegetation [Beldoyle race course, near Sutton, Co Dublin. May 1926. Apterous female. TSBE6:149-180]
Shore of lough [Lough Leane, Killarney. March 1928. Apterous male. TSBE6:149-180]
From a canal [Grand Canal, near Dublin. April 1895. Macropter. TSBE6:149-180]
On slimy mud and duckweed-covered shallow water [Cumbria and Norfolk. Adults. BJENH18:252]
From lakeside *Glyceria* [Hatfield Forest NNR, Essex. BJENH18:63-64]
Amongst dense emergent vegetation of a narrow stream [Chamberhouse Farm, Berkshire. Huxley2003]
On a tarn [Dufton Fell, Westmorland. JSBE6:37-44]
In a carr [Congo Carr, Windermere. JSBE6:37-44]
Pool in rough-grazing meadow [Spey Valley near Kingussie, East Inverness-shire. Adult. Ent90:260-268]
In open reed bed edges [Studland, VC9. HN22:6]
From pitfall traps in fens; and in dense vegetation or shaded pools in woodland [Ireland. HN6:2]
In *Carex rostrata* swamp [Flitwick Moor, Bedfordshire. HSGN3:10]
Pool in a *Salix-Phragmites* swamp [Congo Carr, Windermere, Lake District. Macan1965]
In a backwater of a river [River Petteril, near Carlisle, Cumberland. Spring 1930. Winged male. EMM66:258-259]

Gerris odontogaster (Zetterstedt) (Gerridae)
In grass tufts [Ruxley Gravel Pit, Foots Cray, Kent. 3 January 1965. LondonHets]

Lake shore [Llyn Glasfryn, Caernarvonshire. 16 March 1941. Males and females. TSBE8:169-230]
In pool [Rye Meads, Hertfordshire. 18 March 1972. LondonHets]
From garden pond [Blackheath, Kent. 23 March 1959. LondonHets]
In pool [Stanstead Gravel Pit, Hertfordshire. 25 March 1972. Female. LondonHets]
Lake [Beech Hill Park, Enfield, Middlesex. 26 March 1953. LondonHets]
Pond [Near Hertford Heath, Hertfordshire. 5 April 1940. TSBE9:151-195]
Swampy margin of a lake [Near Llanystumdwy, Caernarvonshire. 3 April 1941. Females. TSBE8:169-230]
Pond [South Mimms, Middlesex. 3 April 1953. LondonHets]
From garden pond [Blackheath, Kent. 2 April 1959. LondonHets]
From garden pond [Blackheath, Kent. 3 April 1959. LondonHets]
Woodland pond [Broxbourne Woods, Hertfordshire. 6 April 1940. Females. TSBE9:151-195]
On a pool [Moor, Isle of Man. 10 April 1949. Female. JSBE6:37-44]
Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 10 April 1952. Female. Ent87:77-82]
In bomb crater [Bookham Common, Surrey. 8 April 1956. LondonHets]
Farm pond [Near Aylesbury, Buckinghamshire. 12 April 1940. Male and females. TSBE9:151-195]
On ponds [Bookham Common, Surrey. 11 April 1954. Males and female. LondonHets]
On stream [Grange Park, Hackbridge, Surrey. 15 April 1959. LondonHets]
Pool in heathland [Hatchet Pond, near Beaulieu, Hampshire. 20 April 1937. TSBE6:149-180]
On pond [Epsom Common, Surrey. 16 April 1950. LondonHets]
Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 19 April 1952. Male and females. Ent87:77-82]
In fast stream [Rye Meads, Hertfordshire. 16 April 1967. Male and female. LondonHets]
In slow stream [Rye Meads, Hertfordshire. 19 April 1969. Adults. LondonHets]
Pond [Hadley Green, Hertfordshire. 23 April 1953. Males and females. EG7:97-111&157-166&213-223]
From garden pond [Blackheath, Kent. 22 April 1959. LondonHets]
In weedy channel [Rye Meads, Hertfordshire. 21 April 1965. Male. LondonHets]
In concrete manhole [Rye Meads, Hertfordshire. 25 April 1970. Female. LondonHets]
In gravel pond [Broxbournebury Gravel Pit, Hertfordshire. 21 April 1972. LondonHets]
In thick fen carr on the edge of a broad [Barton Broad, East Norfolk. 29 April 1951. Ent86:240-242]
Pond [Hadley Green, Hertfordshire. 26 April 1953. Male. EG7:97-111&157-166&213-223]
Lake [Beech Hill Park, Enfield, Middlesex. 26 April 1953. LondonHets]
On canal/stream [Byfleet. 4 May 1947. PTSLENHS1947-48:60-61]
On lake [Wisley, Surrey. 8 May 1901. LondonHets]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Males and female. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Males and females. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, Hertfordshire. 8 May 1953. Males and females. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, Hertfordshire. 8 May 1954. Female. EG7:97-111&157-166&213-223]
Ditch round an airport [Shoreham, West Sussex. 13 May 1940. Females. TSBE9:151-195]
Ditches [Between Worthing and Goring, West Sussex. 17 May 1940. Male. TSBE9:151-195]
From a lake [Lake Bunny, The Burren, Co Clare. 19 May 1959. Female. EMM95:155]
In cattle pond [Wrotham Park, Enfield, Middlesex. 22 May 1971. Male. LondonHets]
In pond [Hadley Green, Barnet, Hertfordshire. 29 May 1971. Female. LondonHets]
Pond [Hampstead Heath, Middlesex. 1 June 1950. EMM87:130]
Stagnant backwaters [Larig Ghru, East Inverness. 14 June 1935. TSBE9:151-195]

Pools in a disused gravel pit [Near Hoddesdon, Hertfordshire. 19 June 1940. Males and females. TSBE9:151-195]
Amongst *Polygonum amphibium* in effluent lagoon [Rye Meads, Hertfordshire. 19 June 1971. LondonHets]
Woodland pond [Near Hertford Heath, Hertfordshire. 23 June 1940. Males and females. TSBE9:151-195]
From ponds [Wirral, Cheshire. 21 June 1961. Nymphs. PRESL(A)38:15-22]
Pools in peat [Bealararee Marsh, near Skibbereene, West Cork. 5 July 1937. TSBE6:149-180]
Pool [Near Skibbereen, West Cork. 6 July 1937. TSBE6:149-180]
Pond [Near Hertford Heath, Hertfordshire. 9 July 1940. Males. TSBE9:151-195]
From ponds [Wirral, Cheshire. 11 July 1961. Nymphs. PRESL(A)38:15-22]
Amongst vegetation in a lough [Tragemona Lough, near Skibbereen, West Cork. 17 July 1937. TSBE6:149-180]
Clay-pit pool [Near Newton Abbot, South Devon. 18 July 1937. TSBE6:149-180]
Lough [Lough Avilliheen, near Skibbereen, West Cork. 18 July 1937. TSBE6:149-180]
Pond [Flag Fen, Peterborough, Northamptonshire. 18 July 1940. Males. TSBE9:151-195]
Artificial pond on farm land at 400ft [Near Shobdon, Herefordshire. 4 August 1936. TSBE6:149-180]
Artificial lake [Braydon Pond, North Wiltshire. 4 August 1937. TSBE6:149-180]
Pools in sandy gravel pits [Near Hertford, Hertfordshire. 4 August 1940. Male. TSBE9:151-195]
Pools in sandy gravel pits [Near Hertford, Hertfordshire. 4 August 1940. Males and females. TSBE9:151-195]
Inlet stream to a lake [Near Llanystumdwy, Caernarvonshire. 5 August 1941. Male. TSBE8:169-230]
Artificial lake [Near Llanystumdwy, Caernarvonshire. 5 August 1941. Male and female. TSBE8:169-230]
Swampy margin of a lake [Near Llanystumdwy, Caernarvonshire. 5 August 1941. Males and female. TSBE8:169-230]
In marsh vegetation at side of a pond [Ampthill Park, Ampthill, Bedfordshire. 3 August 1960. EMM97:32-33]
Lake [Anglesey. 8 August 1941. Male and females, one pair *in copula*. TSBE8:169-230]
On a pool [Braemar, Aberdeen South. 10 August 1957. Adults and nymphs. JSBE6:37-44]
On an acid tarn [Near Roberton, Roxburgh. 11 August 1957. Male and females. JSBE6:37-44]
Pond by estuary [River Severn, Sheperdine, West Gloucestershire. 21 August 1940. Macropters. TSBE9:151-195]
Pool in bomb crater [Wimbledon Common, Surrey. 24 August 1946. Adult. JSBE3:158-173]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Female. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 25 August 1953. Male and females. EG7:97-111&157-166&213-223]
Pool [Near Stanstead Abbots Gravel Pit, Hertfordshire. 22 August 1971. Adults and nymphs. LondonHets]
Lake shore [Llyn Glasfryn, Caernarvonshire. 27 August 1941. Males. TSBE8:169-230]
Pond [Epping Forest, South Essex. 3 September 1940. Males. TSBE9:151-195]
At edge of lake [Cheshunt, Hertfordshire. 5 September 1957. LondonHets]
Pond [Near Blackburn, Lancashire. 10 September 1944. Males, females and nymphs. TSBE10:1-44]
Pond in quarry [Yellow Hills, Lancashire. 10 September 1944. Males, females and nymphs. TSBE10:1-44]
Freshwater lake on the coast [Little Sea, Studland, Dorset. 9 September 1949. Adults and nymphs. Ent87:45-53]
Canal [Near Aldershot, North Hampshire. 15 September 1940. Males and females. TSBE9:151-195]
Pond [Baldestone, Lancashire. 12 September 1944. Males and females. TSBE10:1-44]
Pond [Osbaldeston, Lancashire. 12 September 1944. Males and females. TSBE10:1-44]
Bog-pool [Achnashellach, West Ross. 16 September 1941. Male. TSBE9:151-195]

Pond [White Holme, Lancashire. 16 September 1944. Adults. TSBE10:1-44]
Pond [Baldestone, Lancashire. 18 September 1944. Female. TSBE10:1-44]
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 20 September 1953. Males and females. EG7:97-111&157-166&213-223]
Pool [Longleat Park, South Wiltshire. 21 September 1940. Macropters. TSBE9:151-195]
In ditch [Filbro' Marshes, near Gravesend, Kent. 24 September 1948. LondonHets]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 25 September 1953. Males and females. EG7:97-111&157-166&213-223]
Limestone lake, under overhanging *Juncus* [Lake Shandangan, The Burren, Co Clare. 23 September 1960. Male and female. Ent94:149-150]
In pond [Epping Forest, Essex. 28 September 1952. LondonHets]
In water amongst Lesser Reed Mace (*Typha angustifolia*) [Northmet Gravel Pit, Cheshunt, Hertfordshire. 30 September 1964. LondonHets]
Fishing pond in urban heathland [Alder Hills NR, Borough of Poole, Dorset. 28 September 2006. HN9:13]
In dykes [Dartford Marshes, Kent. 5 October 1952. Adults. LondonHets]
Lake [Wynstay Park, Denbighshire. 1 October 2004. HN7:16]
In pond [Rye Meads, Hertfordshire. 10 October 1964. Male macropter. LondonHets]
Cattle pond [Wrotham Park, Hertfordshire. 11 October 1953. Male. EG7:97-111&157-166&213-223]
In pond [Epping Forest, Essex. 22 October 1964. LondonHets]
In stream [Enfield, Middlesex. 30 October 1970. Male. LondonHets]
In pond [Hadley Green, Barnet, Hertfordshire. 30 October 1971. LondonHets]
Field pond [Penley, Denbighshire. 29 October 2004. HN7:16]
Pond [Bolton-le-Moors. May 1901. ERJV15:23-24]
Lakes [Rosses Point, Sligo. July 1904. IrelandHets]
On a pond on a salt marsh [Solway, Cumberland. 1916. EMM53:112-113]
On pools of peat mosses [Dumfriesshire. 1935. EMM72:96]
Pond netting in pool [Island of Rhum, Inner Hebrides. 1980. EG35:201-205]
Lakes [Fair Head, Antrim. September 1906. IrelandHets]
In bog pools [Clare Island, West Mayo. June 1909. IrelandHets]
Marsh [Arklow, Wicklow. September 1928. IrelandHets]
In a marsh [Rhosneigr, Anglesey. August 1932. EMM68:231-232]
Surface of a loch [Loch Garten, Abernethy Forest, East Inverness. June 1935. TSBE9:151-195]
In a pool [Near Weston-super-Mare, Somerset. September 1935. EMM72:19-20]
On pools [Near Loch Maree, Ross. July 1937. EMM74:89-90]
Peat cutting [Ross & Cromarty. May 1952. EG8:236-241]
In channels and streams of a sewage works [Rye Meads, Hertfordshire. August 1961. Male and female. LondonHets]
Channel draining marshes into a river [River Glaven, Cley, VC27. August 2008. HN12:18]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 1953-1954. Ent88:66-67]
Large sewer dyke, with considerable flow and wave action [Walland Marsh, near Brookland, Kent. 1953-1954. Ent88:66-67]
Mountain pools [Hallival, Isle of Rhum NNR. 1960-1961. TSBE18:91-167]
Artificial water body and river/stream [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
Ponds [Raheny, Co Dublin. April 1893. IrelandHets]
Ponds [Lucan, Co Dublin. April 1898. IrelandHets]
On still water [Lee and Gravesend. April and May. EMM4:93-100]
On a pond [Near Maidenhead. August. Males. Butler1923]
On a pond in an orchard [Fifield, Berkshire. August 1893. EMM29:232-236]

In ponds [Holmwood, Surrey. c1947. LondonHets]
Small shallow pond at 400ft [Hadley Common, Hertfordshire. EMM90:168]
Pond [Peterborough district. EG20:125-135]
Lake [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
In pools [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
In ponds [The Lothians, SE Scotland. EMM121:125-126]
Bog [Cape Clear Island, West Cork. ERJV86:243]
On a pond [Hampstead Heath, Middlesex. PTSLENHS1949-50:36-38]
Ponds/canals [Southern England. TSBE16:1-48]
Heathland pools and marshy ground [Studland, Isle of Purbeck, Dorset. TSBE18:19-33]
Lead mine pool, upland pool, brick-pits and ponds [North Somerset. TSBE8:231-290]
Ponds in clay-pits [Corfe Castle, Dorset. TSBE9:151-195]
Peat pools on moss [Dumfriesshire. TSBE9:151-195]
Round the shores of a pond [Fourwents Pond, Holmwood, Surrey. JSBE6:37-44]
Tarn [Moss Eccles Tarn, North Lancashire. JSBE6:37-44]
From a river [River Ravensbourne below Lewisham. PSLENHS1901:36-37]
From a river [River Ravensbourne. Ent34:231]
Dykes and ponds [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
Subsidence ponds [South-east Northumberland. HSGN3:12]
In river [River Ravensbourne, below Lewisham, Kent. LondonHets]
On tarns and pools [Lake District. Macan1965]

Gerris thoracicus Schummel (Gerridae)
Lake [Beech Hill Lake, Hertfordshire. 26 March 1953. Female. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 26 March 1953. Male. EG7:97-111&157-166&213-223]
Woodland pond [Near Hertford Heath, Hertfordshire. 4 April 1940. TSBE9:151-195]
In ditch in marshes [Gravesend, Kent. 5 April 1947. LondonHets]
In garden pond [Blackheath, Kent. 3 April 1959. Adults. LondonHets]
Pond netting from a water-filled bomb crater [Fairmead Bottom, Epping Forest, Essex. 10 April 1952. Female. Ent87:77-82]
In bomb-crater [Bookham Common, Surrey. 8 April 1956. LondonHets]
On a pool, dropping from the sky on to the water [Earl's Pool, Langford, North Somerset. 12 April 1938. Adults. TSBE8:231-290]
On pool [Ynyslas Turn, Cardiganshire. 14 April 1955. EMM92:54-64]
In effluent channels of sewage works [Rye Meads, Hertfordshire. 16 April 1967. LondonHets]
In effluent channels of sewage works [Rye Meads, Hertfordshire. 19 April 1969. LondonHets]
In effluent channels of sewage works [Rye Meads, Hertfordshire. 21 April 1968. LondonHets]
In former watercress beds [Lemsford Springs, Hertfordshire. 25 April 1971. LondonHets]
In a pond [Wrotham Park, Enfield, Middlesex. 21 April 1972. Female. LondonHets]
In shallow pool [Broxbournebury Gravel Pit, Hertfordshire. 21 April 1972. LondonHets]
Rocky river [River Frome at Eastville Park, Bristol, West Gloucestershire. 5 May 1937. TSBE6:149-180]
On canal/stream [Byfleet. 4 May 1947. PTSLENHS1947-48:60-61]
Pond in wood [Shirley Common, Surrey. 1 May 1897. LondonHets]
Stream [Mimms Wash Stream, Hertfordshire. 8 May 1954. Male and females. EG7:97-111&157-166&213-223]
Ditch round an airport [Shoreham, West Sussex. 13 May 1940. Male and females. TSBE9:151-195]
In ditches [Plumstead Marshes, Kent. 11 May 1895. LondonHets]
Ditches [Between Worthing and Goring, West Sussex. 17 May 1940. Males and females. TSBE9:151-195]
At a pond in a field [Hither Green Lane, Lee, Kent. 16 May 1896. LondonHets]
In peat pool [Lemsford Springs, Hertfordshire. 21 May 1972. LondonHets]
Pond [Near Pwllheli, Caernarvonshire. 1 June 1941. Male and Females. TSBE8:169-230]
Pond [Hampstead Heath, Middlesex. 1 June 1950. EMM87:130]

On garden pond [Waltham Cross, Hertfordshire. 4 June 1960. LondonHets]
On sphagnum pools [Tregaron Bog NR, Cardiganshire. 15 June 1955. EMM92:221-225]
Pools in a disused gravel pit [Near Hoddesdon, Hertfordshire. 19 June 1940. Male. TSBE9:151-195]
Pond on cliffs near coast [Near Morfa Nevin, Caernarvonshire. 20 June 1941. Males and females. TSBE8:169-230]
Pond [Near Hertford Heath, Hertfordshire. 23 June 1940. TSBE9:151-195]
Brackish ditch [Bude Marshes LNR, Cornwall. 29 June 2006. Female. CornwallHets]
Brackish pools near coast [Tralispean Beach, near Skibbereen, West Cork. 5 July 1937. TSBE6:149-180]
Pools in gravel-pit [Killarney, South Kerry. 12 July 1937. TSBE6:149-180]
Stone-built pond at c700ft [Near Petty France, West Gloucestershire. 14 July 1937. TSBE6:149-180]
Pond [Fengate, Peterborough, Northamptonshire. 14 July 1940. Males and female. TSBE9:151-195]
In gravel pit pool [Hoddesdon, Hertfordshire. 15 July 1965. LondonHets]
Lough [Tragemona Lough, near Skibbereen, West Cock. 17 July 1937. TSBE6:149-180]
On dune slacks [Ynyslas, Cardiganshire. 17 July 1955. EMM92:54-64]
Lake [Merionethshire. 28 July 1946. Adults. TSBE10:269-280]
Fish-pond [Near Badminton Park, West Gloucestershire. 3 August 1937. TSBE6:149-180]
Pools in sandy gravel pits [Near Hertford, Hertfordshire. 4 August 1940. Female. TSBE9:151-195]
Pond [Near Pwllheli, Caernarvonshire. 3 August 1941. Male and female. TSBE8:169-230]
In garden pool on clay [Broxbourne, Hertfordshire. 5 August 1960. LondonHets]
Pool in heathland [Hatchet Pond, near Beaulieu, Hampshire. 10 August 1937. TSBE6:149-180]
Pools behind sand dunes [Malldraeth Sands, Anglesey. 7 August 1941. Male. TSBE8:169-230]
Lake [Llyn Hendref, Anglesey. 8 August 1941. Male. TSBE8:169-230]
In effluent channels of sewage works [Rye Meads, Hertfordshire. 7 August 1971. LondonHets]
Pools on sandy clay cliffs [Highcliffe, South Hampshire. 11 August 1937. TSBE6:149-180]
Roadside pools [Countess Wear, near Exeter, South Devon. 13 August 1937. TSBE6:149-180]
Pond [Near Chwilog, Caernarvonshire. 14 August 1941. Females. TSBE8:169-230]
Moat [Beaumaris Castle, Anglesey. 14 August 1946. Males, females and nymphs. TSBE10:269-280]
Stream [Kirklees Stream, near Mirfield, South-west Yorkshire. 17 August 1935. TSBE6:149-180]
Pond in field [Near Newton Abbot, South Devon. 19 August 1937. TSBE6:149-180]
Brackish pool [Pwllheli, Caernarvonshire. 22 August 1941. Female. TSBE8:169-230]
Estuary [Afon Rhyd-hir, near Pwllheli, Caernarvonshire. 27 August 1941. Female. TSBE8:169-230]
Pond [Richmond Park, Surrey. 27 August 1946. Adults and nymphs. JSBE3:158-173]
In freshwater pools on the coast [Samphire Hoe, near Dover, VC15. 11 September 2004. EMM141:193-196]
Pond [Richmond Park, Surrey. 19 September 1937. TSBE6:149-180]
In ditch in marshes [Gravesend, Kent. 24 September 1948. LondonHets]
Marsh [Tramore sands, Waterford. July 1901. IrelandHets]
On a pond on a salt marsh [Solway, Cumberland. 1916. EMM53:112-113]
From a mill pond [Norfolk. 1925. EMM63:12-13]
Coastal salt-marsh [Seaton Sluice, Northumberland. 1958. Ent95:62-63]
In a peat pool near a shore [Harris, Isle of Rhum NNR. 1961. TSBE18:91-167]
Pond netting [Island of Rhum, Inner Hebrides. 1980. EG35:201-205]
In a shallow trickle at the bottom of a deep ditch in a desolate arable landscape [Fulbourn Fen, Cambridgeshire. 2003. HN1:1]
In bog pools [Clare Island, West Mayo. June 1911. IrelandHets]
Dunes [Magherabeg, Wicklow. July 1927. IrelandHets]
Ballast pit [Near Killarney, North Kerry. April 1928. IrelandHets]
Pool on sandhills [Ballyteigne, Wexford. August 1931. IrelandHets]
On a lake [Rhosneigr, Anglesey. August 1932. EMM68:231-232]

Meadow-pond [Easthampton, Herefordshire. August 1936. TSBE6:149-180]
From a garden pond [Battle, East Sussex. February 1992. ERJV105:221-226]
Horse trough [Newark Park, Gloucestershire. July 1998. GloucsHets]
Ponds on shingle [Orford Ness, East Suffolk. September 2002. HN1:5]
Dune slack on the coast, with patches of standing water [Whiteford Burrows NNR, Gower Peninsula, Glamorgan. 1960-1961. Ent100:157-165]
New ponds [Chadkirk Chapel Estate LNR, near Manchester, VC58. July. HN17/18:22]
Pools by a river [River Dodder, Tallaght, Co Dublin. June 1892. IrelandHets]
In a canal [Somerton, Oxfordshire. Ent91:15-19]
In pools [Hartlebury Common LNR, Worcestershire. EMM133:17-26]
In small ponds on farmland [The Lothians, SE Scotland. EMM121:125-126]
Loch [Benbecula, Outer Hebrides. Ent74:1-5]
Pond [Hampstead Heath, Middlesex. PTSLENHS1949-50:36-38]
On the surface of a shallow pool [Hatchet Pond, near Beaulieu, Hampshire. TSBE5:259-280]
On the surface of the perimeter of a shallow stony pool [Fish-pond, Badminton, Gloucestershire. TSBE5:259-280]
Ponds, brackish ponds/ditches [Southern England. TSBE16:1-48]
Salt marsh [Brownsea Island, Dorset. TSBE18:19-33]
Heathland pools [Studland, Isle of Purbeck, Dorset. TSBE18:19-33]
On ponds in pasture, saline ponds, pool, rhyne, saline ditch and river, and in a stone tank [North Somerset. TSBE8:231-290]
Pool near salterns [Christchurch, South Hampshire. TSBE9:151-195]
On pools on a rocky sea-shore just above the lichen zone. Seen in flight [Towyn, Caernarvonshire. Breeding population. JSBE6:37-44]
Brackish pools [Spanish Head, Isle of Man. JSBE6:37-44]
In brackish pools [Teesmouth, Co Durham. Ent51:2-5]
Dykes and ponds [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
On brackish water [Suffolk. Butler1923]
Garden pond [Near Portadown, Co Armagh. HN6:2]
River [River Ver, Hertfordshire. HN8:12]
Subsidence ponds [South-east Northumberland. HSGN3:12]
Upon brackish water [Suffolk. SuffolkHets]

Limnoporus rufoscutellatus (Latreille) (Gerridae)
On a pond [Hoe Common, East Dereham, Norfolk. 13 March 1948. EMM92:189-193]
On a puddle in woods [Bentley Woods, Suffolk. 11 March 1896. SuffolkHets]
On a pond [Norbury, Surrey. 18 April 1892. Ent26:52]
In a bog pool close to a lough [Lough Guitane, Killarney, North Kerry. 23 April 1929. IrelandHets]
On an overgrown garden pond [East Malling, Kent. 27 May 1948. EMM92:189-193]
On a small pond, in thick *Typha* band [East Cork. 13 August 1985. Nymphs. ERJV98:167-168]
From a pool in a coastal salt-marsh [Seaton Sluice, Northumberland. 4 September 1958. Female macropter. Ent95:62-63]
Running on the surface of the dyke [Near Lough Leane, Cahernane, Killarney, Co Kerry. 11 September 1938. ERJV98:33-35]
On a small pond [East Cork. 17 September 1985. Adult. ERJV98:167-168]
Limestone lake, under overhanging *Juncus* [Lake Shandangan, The Burren, Co Clare. 23 September 1960. Male. Ent94:149-150]
In the middle of a *Cladium* bed of a small lake [Eastern edge of the Burren, Ireland. August. HN19/20:7]
Taken on lakes, typically with *Carex rostrata* beds; and on small pools on cutover bogs [Ireland. HSGN14:10]
Amongst sparse reed beds on a lough [Upper Lough Erne, Ireland. HSGN14:10]
On a lake [Lough O'Muilligan, Donegal. Spring. Dead adults. HSGN14:10]
On an ornamental pond [Gravesend, Kent. Summer 1943. Male. EMM83:104]

Bibliography

Aquarius najas (De Geer) (Gerridae)
as *A. najas* EMM81:253-273, EMM82:94-95
as *Aquarius najas* BJENH27:25-26, BJENH32:16, CornwallHets, EMM114:163-165, EMM92:189-193, Ent109:53-64, GloucsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:126, Hem5:142, Hem5:153, Hem5:171, Hem5:199, Hem5:209, Hem5:21, Hem5:33, Hem5:47, Hem5:66, Hem5:74, Hem5:98, Hem6:188, Hem6:241, HN11:16, HN13:11, HN14:11, HN17/18:22, HN22:12, HN3:6, HN3:9, HN4:5, HN7:18, HN8:13, HSGN13:13, HSGN14:10, Huxley2003, LondonHets, PTSLENHS1962:123-183, S&L1959, TSBE16:1-48
as *G. najas* EG7:97-111&157-166&213-223
as *Ger. najas* EMM91:7-27
as *Gerris najas* Butler1923, EMM20:189-190, EMM34:210, EMM42:138, EMM48:108-111, EMM69:234-245, EMM79:17-18, EMM80:72, EMM80:75, EMM83:95, EMM85:169-173, EMM87:55, EMM92:150-153, EMM92:54-64, Ent32:200-204, Ent32:3-8, Ent34:231, Ent69:46, ERJV17:47, HantsHets, HSGN6:C1, HSGN6:C2, IrelandHets, JSBE3:158-173, JSBE6:37-44, Macan1965, PRESL(A)34:130-136, PRESL(A)35:91-92, PRESL(A)38:15-22, PSLENHS1901:36-37, PSLENHS1903:3-6, PTSLENHS1950-51:71-72, Saunders1892, Savage1989, SuffolkHets, TRESL92:417-452, TSBE1:51-84, TSBE10:1-44, TSBE10:269-280, TSBE11:245-280, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195
as *Gerris Najas* EMM26:81-82, Synopsis1875
as *Hydrometra najas* D&S1865
as *Hydrometra Najas* EMM4:30-33

Aquarius paludum (Fabricius) (Gerridae)
as *A. paludum* EMM81:253-273, EMM82:94-95
as *Aquarius paludum* BJENH14:169, BJENH17:180-181, BJENH17:9, BJENH27:25-26, BJENH32:16, EMM114:163-165, EMM85:152-156, Hem1:101, Hem1:12, Hem1:36, Hem1:58, Hem1:59, Hem2:45, Hem3:11, Hem3:48, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem5:11, Hem5:111, Hem5:153, Hem5:154, Hem5:199, Hem5:33, Hem5:47, Hem5:66, Hem6:188, Hem6:217, Hem6:280, Hem6:281, Hem6:283, HN11:12, HN15:12, HN16:8, HN22:11, HN22:12, HN22:7, HN3:2, HN3:6, HN3:9, HN4:5, HN6:9, HN7:18, HN8:12, HN9:11, HN9:13, HN9:5, HSGN12:2, Huxley2003, LondonHets, PTSLENHS1962:123-183, S&L1959
as *G. paludum* EG7:97-111&157-166&213-223
as *Ger. paludum* EMM91:7-27
as *Gerris paludum* BJENH17:9, Butler1923, EMM133:175-176, EMM134:265-266, EMM17:67-68, EMM20:189-190, EMM29:232-236, EMM29:35-37, EMM31:192-194, EMM68:38-39, EMM69:234-245, EMM77:101-104, EMM79:17-18, EMM89:284-285, EMM90:250, EMM92:150-153, EMM92:54-64, Ent32:200-204, HantsHets, HSGN6:C1, HSGN6:C2, HSGN8:10, IrelandHets, JSBE3:158-173, JSBE6:37-44, Macan1965, PRESL(A)34:130-136, PRESL(A)38:15-22, Saunders1892, Savage1989, Synopsis1875, TSBE10:1-44, TSBE11:245-280, TSBE6:149-180, TSBE9:151-195
as *Hydrometra paludum* D&S1865, EMM3:25-27

Gerris argentatus Schummel (Gerridae)
as *G. argentatus* EMM81:253-273, EMM82:94-95
as *Ger. argentatus* EMM91:7-27
as *Gerris argentata* EMM29:232-236, EMM29:35-37, EMM30:64-65, EMM69:234-245, EMM72:19-20, JSBE2:165-166, Saunders1892, SuffolkHetsAnn, Synopsis1875, TRESL92:417-452
as *Gerris argentatus* BJENH17:180-181, BJENH17:9, BJENH21:184, Butler1923, CornwallHets, EG20:125-135, EMM117:35-46, EMM140:89-96, EMM31:33-35, EMM79:17-18, EMM80:18-

19, EMM80:72, EMM85:311-312, EMM87:130, EMM87:156, EMM92:150-153, Ent32:296-300, Ent71:148-153, Ent86:240-242, Ent91:15-19, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:126, Hem5:199, Hem5:209, Hem5:21, Hem5:33, Hem5:47, Hem5:66, Hem5:98, Hem6:188, HN1:1, HN16:8, HN17/18:25, HN19/20:8, HN3:6, HN3:9, HN6:2, HN7:18, HSGN13:13, HSGN6:C1, HSGN6:C2, Huxley2003, IrelandHets, JSBE3:158-173, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)34:130-136, PTSLENHS1962:123-183, S&L1959, Savage1989, TSBE1:51-84, TSBE10:1-44, TSBE11:245-280, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195

as *Hydrometra argentata* D&S1865, EMM3:25-27, EMM7:184-185

Gerris costae (Herrich-Schaeffer) (Gerridae)

as *G. costae* EMM81:253-273

as *Ger. costae* EMM91:7-27, Ent32:296-300

as *Gerris costae* BJENH25:205-215, EG8:236-241, EMM43:196-202, EMM68:209-213, EMM69:234-245, EMM72:96, EMM73:234-235, EMM76:53, EMM79:120, EMM87:55, EMM90:115-117, EMM92:150-153, EMM92:54-64, Ent34:256, Ent36:318-319, Ent51:2-5, Ent73:101-103, Ent74:1-5, Ent74:247-254, Ent90:260-268, ERJV15:23-24, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:11, Hem3:16, Hem3:34, Hem3:35, Hem4:109, Hem4:12, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:117, Hem5:142, Hem5:171, Hem5:199, Hem5:209, Hem5:21, Hem5:66, Hem6:189, HN11:17, HN17/18:25, HN19/20:8, HN3:10, HN3:9, HN6:5, HN7:17, HN7:18, Huxley2003, JSBE3:158-173, PRESL(A)34:130-136, PRESL(A)35:91-92, PRESL(A)38:15-22, Synopsis1875, TSBE10:1-44, TSBE10:269-280, TSBE6:149-180, TSBE8:169-230, TSBE9:151-195

as *Gerris Costae* EMM14:186-187, EMM16:175, EMM19:237-238, EMM23:213, EMM29:35-37, EMM29:92-93, EMM30:64-65, EMM35:49-53, Saunders1892

as *Gerris costai* BJENH25:205-215, EG20:105-117, EG35:201-205, EMM121:125-126, ERJV100:181-183, HSGN1:17, HSGN1:18, HSGN10:12, HSGN11:7, HSGN12:13, HSGN13:13, HSGN3:A1, HSGN6:C1, HSGN6:C2, JSBE6:37-44, LondonHets, Macan1965, S&L1959, TRESL92:417-452, TSBE18:91-167, TSBE19:173-235

as *Gerris costai poissoni* Savage1989

as *Gerris lateralis var. costae* Butler1923, EMM52:66, HantsHets, IrelandHets

as *Hydrometra Costae* EMM13:112, EMM3:118, EMM3:25-27, EMM4:93-100, EMM7:45-53

Gerris gibbifer Schummel (Gerridae)

as *G. gibbifer* EMM81:253-273, EMM82:94-95

as *Ger. gibbifer* EMM91:7-27

as *Gerris gibbifer* BJENH16:186, Butler1923, CornwallHets, EG60:37-71, EMM114:163-165, EMM53:112-113, EMM62:21, EMM65:40-42, EMM72:258-259, EMM76:179-180, EMM85:95, EMM87:55, EMM90:250, EMM92:150-153, EMM92:221-225, EMM92:54-64, EMM96:214, EMM98:166, Ent32:296-300, Ent59:84-85, Ent90:260-268, ERJV100:181-183, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem2:43, Hem3:11, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:126, Hem5:171, Hem5:199, Hem5:21, Hem5:33, Hem5:47, Hem5:66, Hem5:98, Hem6:189, Hem6:219, Hem6:283, HN1:1, HN1:3, HN17/18:25, HN19/20:12, HN3:6, HN3:9, HN7:18, HSGN10:12, HSGN11:7, HSGN6:C1, HSGN6:C2, Huxley2003, JSBE3:158-173, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)34:130-136, PRESL(A)35:91-92, PRESL(A)38:15-22, PTBENHS4:83-88, PTSLENHS1947-48:60-61, PTSLENHS1947-48:67, PTSLENHS1962:123-183, S&L1959, Savage1989, TSBE1:51-84, TSBE10:1-44, TSBE10:269-280, TSBE11:245-280, TSBE16:1-48, TSBE18:19-33, TSBE9:151-195

as *Gerris gibbifera* EG7:97-111&157-166&213-223, EMM31:192-194, EMM46:143-144, EMM69:234-245, EMM79:17-18, EMM93:88, Ent47:215-218, Saunders1892, SuffolkHets, Synopsis1875, TRESL92:417-452, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290

as *Hydrometra gibbifera* D&S1865

Gerris lacustris (Linnaeus) (Gerridae)
as *G. lacustris* EMM81:253-273
as *Ger. lacustris* EMM91:7-27
as *Geris lacustris* PSLENHS1901:11-14
as *Gerris lacustris* BJENH24:197-204, BJENH32:16, BJENH32:239-240, Butler1923, CornwallHets, EcolEnt11:163-172, EG20:125-135, EG35:201-205, EG43:219-220, EG60:37-71, EG7:97-111&157-166&213-223, EG8:236-241, EMM114:163-165, EMM114:21-24, EMM117:35-46, EMM12:222-224, EMM121:125-126, EMM133:17-26, EMM14:186-187, EMM140:89-96, EMM16:175, EMM19:20, EMM29:35-37, EMM48:108-111, EMM51:145-146, EMM61:253-257, EMM63:41-42, EMM64:62-64, EMM68:231-232, EMM69:234-245, EMM72:96, EMM76:53, EMM79:17-18, EMM80:75, EMM81:141, EMM83:104, EMM83:132, EMM85:249-253, EMM85:311-312, EMM87:55, EMM90:168, EMM92:150-153, EMM92:21, EMM92:221-225, EMM92:374, EMM92:54-64, EMM95:155, EMM98:166, Ent27:222, Ent32:108-115, Ent32:296-300, Ent33:355, Ent36:318-319, Ent47:146-147, Ent86:240-242, Ent87:45-53, Ent87:77-82, Ent88:66-67, Ent90:167-177, Ent90:260-268, Ent91:15-19, ERJV100:181-183, ERJV105:221-226, ERJV51:160-161, ERJV57:72-73, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:126, Hem5:142, Hem5:153, Hem5:171, Hem5:199, Hem5:209, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:74, Hem5:98, Hem6:189, HN1:1, HN10:13, HN11:12, HN11:16, HN16:3, HN16:8, HN17/18:22, HN17/18:25, HN19/20:8, HN3:2, HN3:6, HN3:9, HN4:6, HN6:2, HN6:7, HN7:1, HN7:18, HN9:3, HSGN1:12, HSGN1:17, HSGN10:11, HSGN11:6, HSGN11:9, HSGN12:13, HSGN13:13, HSGN3:12, HSGN6:C1, HSGN6:C2, Huxley2003, IrelandHets, JSBE3:158-173, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)33:149-158, PRESL(A)34:130-136, PRESL(A)38:15-22, PSLENHS1921-22:3-6, PTBENHS12:12, PTBENHS4:83-88, PTSLENHS1947-48:60-61, PTSLENHS1949-50:36-38, PTSLENHS1962:123-183, PTSLENHS1965:56-57, S&L1959, Saunders1892, Savage1989, SuffolkHets, Synopsis1875, TRESL92:417-452, TSBE1:51-84, TSBE10:1-44, TSBE10:269-280, TSBE11:245-280, TSBE16:1-48, TSBE18:19-33, TSBE5:259-280, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195
as *Hydrometra lacustris* D&S1865, EMM3:25-27, EMM4:93-100

Gerris lateralis Schummel (Gerridae)
as *G. asper* EMM81:253-273, EMM82:94-95
as *Ger. asper* EMM91:7-27, Ent32:296-300
as *Gerris asper* Butler1923, EMM55:33, EMM62:21, EMM86:268-269, EMM88:45, EMM92:221-225, EMM92:54-64, EMM93:88, HantsHets, JSBE3:158-173, JSBE6:37-44, PRESL(A)28:100-110, TSBE10:1-44, TSBE10:269-280, TSBE6:149-180, TSBE8:169-230, TSBE9:151-195
as *Gerris aspera* EMM12:222-224, EMM16:175, EMM66:258-259, EMM69:234-245, EMM76:53, Saunders1892, Synopsis1875, TSBE6:149-180
as *Gerris lateralis* BJENH18:252, BJENH18:63-64, BJENH19:131, EG35:201-205, EMM121:125-126, EMM92:150-153, Ent90:260-268, ERJV100:181-183, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem3:101, Hem3:11, Hem3:16, Hem3:34, Hem3:35, Hem3:48, Hem4:109, Hem4:12, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:126, Hem5:153, Hem5:171, Hem5:199, Hem5:209, Hem5:22, Hem5:33, Hem5:66, Hem5:74, Hem6:190, HN11:13, HN17/18:25, HN22:6, HN3:10, HN3:2, HN3:9, HN6:2, HN7:18, HSGN1:17, HSGN1:18, HSGN10:12, HSGN11:7, HSGN12:13, HSGN3:10, HSGN3:A1, HSGN6:C1, Huxley2003, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)34:130-136, PRESL(A)38:15-22, S&L1959, TRESL92:417-452
as *Gerris lateralis asper* Savage1989
as *Gerris spera* EMM18:18

as *Hydrometra aspera* Ent10:9-15

Gerris odontogaster (Zetterstedt) (Gerridae)
as *G. odontogaster* EMM81:253-273, EMM82:94-95
as *Ger. odontogaster* EMM91:7-27
as *Gerris odontogaster* BJENH32:239-240, Butler1923, CornwallHets, EG20:125-135, EG24:75-79, EG35:201-205, EG60:37-71, EG7:97-111&157-166&213-223, EG8:236-241, EMM114:163-165, EMM117:35-46, EMM121:125-126, EMM133:17-26, EMM14:186-187, EMM15:255-256, EMM16:175, EMM19:237-238, EMM29:232-236, EMM29:35-37, EMM29:92-93, EMM53:112-113, EMM68:231-232, EMM69:234-245, EMM72:19-20, EMM72:96, EMM74:89-90, EMM76:53, EMM79:17-18, EMM87:130, EMM90:168, EMM92:150-153, EMM92:189-193, EMM92:198, EMM92:54-64, EMM95:155, EMM97:32-33, Ent32:296-300, Ent34:231, Ent74:247-254, Ent86:240-242, Ent87:45-53, Ent87:77-82, Ent88:66-67, Ent90:167-177, Ent94:149-150, ERJV100:181-183, ERJV15:23-24, ERJV86:243, ERJV98:167-168, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:111, Hem5:117, Hem5:126, Hem5:142, Hem5:171, Hem5:199, Hem5:209, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:74, Hem5:98, Hem6:190, HN12:18, HN17/18:25, HN19/20:8, HN3:9, HN7:16, HN7:18, HN9:13, HSGN1:13, HSGN1:17, HSGN10:11, HSGN11:6, HSGN12:11, HSGN13:13, HSGN3:12, HSGN6:C1, HSGN6:C2, Huxley2003, IrelandHets, JSBE3:158-173, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)34:130-136, PRESL(A)38:15-22, PSLENHS1901:36-37, PTSLENHS1947-48:60-61, PTSLENHS1949-50:36-38, PTSLENHS1950-51:75-76, PTSLENHS1962:123-183, PTSLENHS1965:56-57, S&L1959, Saunders1892, Savage1989, Synopsis1875, TRESL92:417-452, TSBE1:51-84, TSBE10:1-44, TSBE10:269-280, TSBE11:245-280, TSBE16:1-48, TSBE18:19-33, TSBE18:91-167, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195
as *Hydrometra odontogaster* EMM3:25-27, EMM4:93-100, EMM6:9-10, EMM7:45-53

Gerris thoracicus Schummel (Gerridae)
as *G. thoracicus* EMM81:253-273, EMM82:94-95
as *Ger. thoracicus* EMM91:7-27
as *Gerris thoracica* EMM14:165-167, EMM16:42-43, EMM16:67-68, EMM25:237-238, EMM26:81-82, EMM69:234-245, Ent27:222, Ent74:1-5, Saunders1892, SuffolkHets, Synopsis1875, TRESL92:417-452, TSBE6:149-180, TSBE8:169-230
as *Gerris thoracicus* BJENH24:197-204, BJENH32:239-240, Butler1923, CornwallHets, EG2:258, EG35:201-205, EG7:97-111&157-166&213-223, EMM114:163-165, EMM121:125-126, EMM133:17-26, EMM141:193-196, EMM53:112-113, EMM63:12-13, EMM68:231-232, EMM76:53, EMM80:72, EMM80:75, EMM85:95, EMM87:130, EMM92:150-153, EMM92:189-193, EMM92:221-225, EMM92:54-64, Ent100:157-165, Ent32:108-115, Ent32:296-300, Ent51:2-5, Ent87:77-82, Ent90:167-177, Ent91:15-19, Ent95:62-63, ERJV100:181-183, ERJV105:221-226, GloucsHets, HantsHets, Hem1:101, Hem1:12, Hem1:58, Hem1:59, Hem2:19, Hem2:37, Hem3:11, Hem3:34, Hem3:35, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem4:92, Hem5:11, Hem5:112, Hem5:126, Hem5:142, Hem5:171, Hem5:199, Hem5:209, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:74, Hem5:98, Hem6:190, HN1:1, HN1:5, HN17/18:22, HN17/18:25, HN19/20:8, HN3:9, HN4:6, HN6:2, HN7:16, HN7:18, HN8:12, HSGN1:13, HSGN1:17, HSGN10:12, HSGN11:7, HSGN11:9, HSGN12:13, HSGN3:12, HSGN6:C1, HSGN6:C2, Huxley2003, IrelandHets, JSBE3:158-173, JSBE6:37-44, LondonHets, Macan1965, PRESL(A)33:149-158, PRESL(A)34:130-136, PTBENHS4:83-88, PTSLENHS1947-48:60-61, PTSLENHS1949-50:36-38, PTSLENHS1962:123-183, PTSLENHS1965:56-57, S&L1959, Savage1989, TSBE1:51-84, TSBE10:1-44, TSBE10:269-280, TSBE11:245-280, TSBE16:1-48, TSBE18:19-33, TSBE18:91-167, TSBE5:259-280, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195
as *Hydrometra thoracica* D&S1865, EMM3:25-27, EMM4:265-271, EMM4:93-100

Limnoporus rufoscutellatus (Latreille) (Gerridae)
as *Ger. rufoscutellatus* EMM91:7-27
as *Gerris rufoscutellata* EMM16:175, EMM21:21, EMM25:446-447, Ent26:52, IrelandHets, Saunders1892, SuffolkHets, Synopsis1875
as *Gerris rufo-scutellata* EMM17:278
as *Gerris rufoscutellatus* BJENH25:205-215, Butler1923, EMM83:104, EMM92:150-153, EMM92:189-193, Ent32:200-204, Ent94:149-150, Ent95:62-63, HantsHets, HSGN6:C1, JSBE3:158-173, Macan1965, PTSLENHS1956:111-136, TRESL92:417-452, TSBE10:1-44, TSBE11:245-280
as *Hydrometra rufoscutellata* EMM4:265-271
as *L. rufoscutellatus* EMM81:253-273
as *Limnoporus rufoscutellatus* BJENH25:205-215, EMM92:189-193, ERJV98:167-168, ERJV98:33-35, Hem1:101, Hem1:13, Hem1:58, Hem1:59, Hem3:11, Hem3:34, Hem3:35, Hem4:12, Hem4:139, Hem4:34, Hem4:78, Hem5:11, Hem5:112, Hem5:142, Hem5:153, Hem5:158, Hem5:171, Hem5:199, Hem5:209, Hem5:33, Hem5:34, Hem5:47, Hem5:66, Hem6:191, HN19/20:7, HN19/20:8, HN21:9, HN22:12, HN23:13, HN3:10, HN3:2, HN3:9, HN7:18, HSGN1:5, HSGN13:3, HSGN14:10, Huxley2003, LondonHets, PTSLENHS1962:123-183, S&L1959, Savage1989, TSBE16:1-48

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively. Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Aquarius najas* (De Geer) (Gerridae)**

Common name. The River Skater.

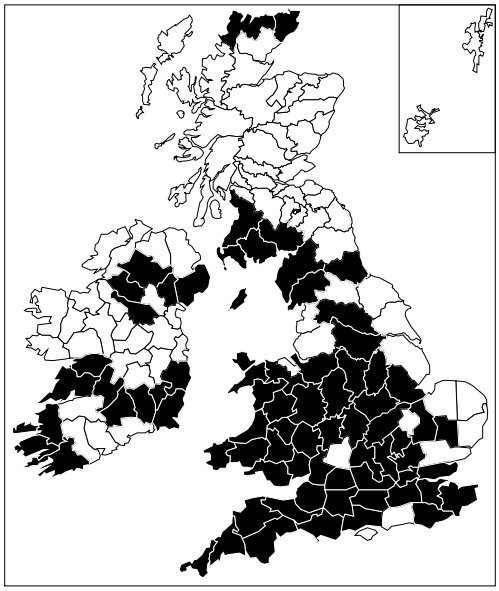
First report. D&S1865 as *Hydrometra najas*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from river (w,n), canal, stream (w), lake (n), pond (w), salt marsh (w), quarry, wood. Taken from a crack in the brickwork of a lock, swirling water between granite rocks. Taken by netting (w). On a lake feeding seen on Chilopoda, Hemiptera, Neuroptera, Coleoptera, Hymenoptera and Diptera. On a river feeding seen on a *Psallus haematodes*.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March	1	1	1		2 N	2
April				1	2	1
May	3	1		2		
June	1	1	1	2	2	
July	1	2	1		N	2
August	1	2 N		3	3	1 N
September	2 N	5	3	1		2
October		1 N			1	1
November						
December			1			

No habitus images are available.

***Aquarius paludum* (Fabricius) (Gerridae)**

Common name. The Lake Skater.

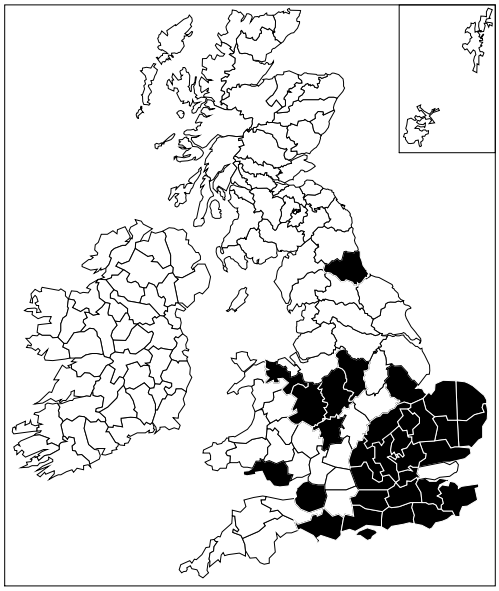
First report. D&S1865 as *Hydrometra paludum*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from canal, pond, heathland, salt marsh lagoon, ditch, lake, flooded sand pit, orchard, stream, dyke, reservoir, bathing pool, quarry lagoon, wood clearing, peaty pool, above 900ft. Taken from newly created pond (n). Taken by netting, vertical net strike. Seen hiding among marginal vegetation of a stream. Resting on floating water-plants on windy days. Sheltering under bushes beside a pond. Under shelter of the bank in windy weather. Seen striding across the water surface from amongst marginal vegetation.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April					1	
May			1	1	1	2
June		1				
July		1	2	2	1	1
August	2					1
September	5	1	1	4	2	1
October	2	1				
November						
December						

No habitus images are available.

***Gerris argentatus* Schummel (Gerridae)**

Common name. The Little Pondskater.

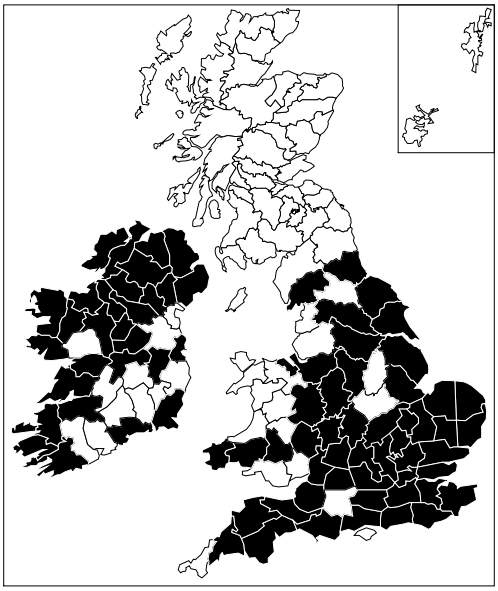
First report. D&S1865 as *Hydrometra argentata*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from pond, farmland, gravel pit, lake, brackish pool, canal, clay pit, pool, ditch, river, stream, meadow, lough, tarn, fen carr, broad, mill-pool, brackish water dyke, orchard, disused brick pit, wood. Taken from vegetation in a lough, flood rubbish, lake reed-beds, ruts in an open field, marginal vegetation of a fishing lagoon, raft of *Potamogeton natans* in a pond.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						1
May			1		2	
June			3 N			
July	1	2	1 N	2		1
August	4		1	2	1	
September	2	2 N	1	3	2	1
October	2	2	1			
November						
December			1			

No habitus images are available.

***Gerris costae* (Herrich-Schaeffer) (Gerridae)**

Common name. The Moorland Pondskater.

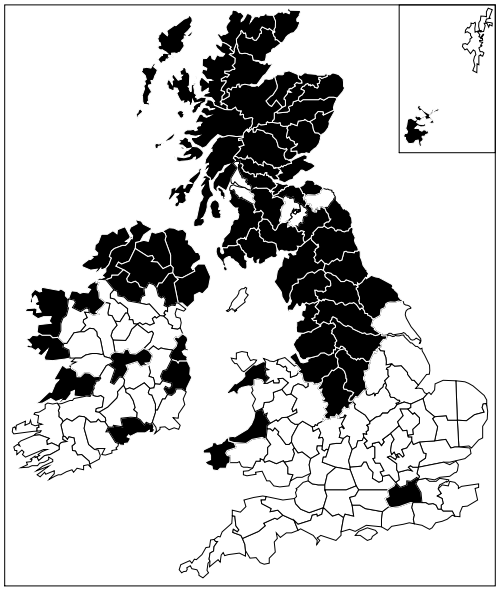
First report. EMM4:93-100 as *Hydrometra Costae*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from moorland, bog, at over 1500ft, brackish pool, deep ravine in mountains, pool, pond (n), loch, stream (n), lochan, lake of peaty water (n), wood (n), tarn, peat pools on fells, peat cutting, peat pools (n), peat-hags. Taken by netting.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						2
June	1		2	1		
July					1	1
August	1	N	N		3	2
September			1	1	1	
October		1 N	1			
November						
December						

No habitus images are available.

***Gerris gibbifer* Schummel (Gerridae)**

Common name. The Yellow-spotted Pondskater.

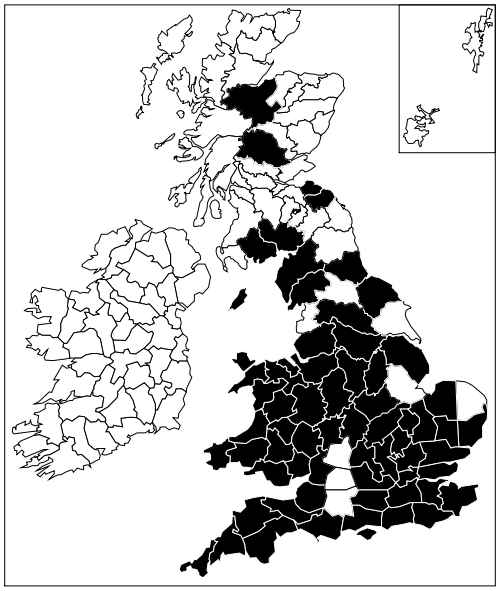
First report. D&S1865 as *Hydrometra gibbifera*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from stream, garden (w, n), pond (w, n), ditch, up to 2000ft (n), river, heathland, pool (n), peat pool (n), sphagnum pool, arable landscape, woodland, lake, moat (n), moorland, swamp, gravel pit, salt marsh, brackish water, reservoir, peat cutting, sphagnum bog, bomb crater, peat mud on moor, sandy clay cliffs. Taken from weeds of a river, amongst *Sphagnum*, amongst *Typha*. Taken by skimming the film in a bomb hole. On a garden pond feeding on a midge (w). Seen attacking living prey of their own species, and a worker-wasp *Vespula vulgaris* struggling on the surface of the water. Seen holding with its front legs and sucking *Tenthredo balteatus*, while skimming the surface.



	1-5	6-10	11-15	16-20	21-25	26-
January						1
February						
March				1		1
April	3	3	4	2	4	3
May	6	6	2		2	1
June	1	2	2		3	1 N
July	N		3	1	2	2
August		2 N	3	1	3	3 N
September	1 N	1 N	1		1	
October		3		1		
November			2	2		
December						

***Gerris lacustris* (Linnaeus) (Gerridae)**

Common name. The Common Pondskater.

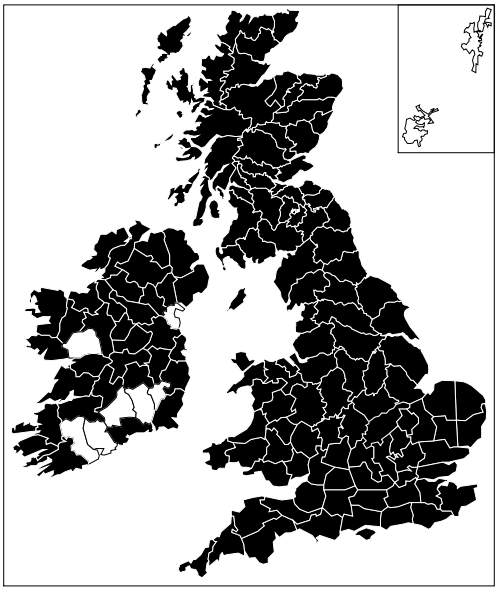
First report. D&S1865 as *Hydrometra lacustris*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from pond (w,n), brook, clay pit, heath, river, bomb crater (n), stream (w,n), chalk, disused gravel pit, sandy clay cliffs, quarry (n), reservoir (n), woodland (n), pool (w,n), field, farm land, brackish water, tarn, mountain, up to 2000ft, canal, meadow, ditch (n), sea wall, dyke, former watercress beds (n), estuary, lake (w,n), coast (n), garden (w), marsh, peat, channel (w,n), sewage works (w), fen carr on the edge of a broad, bog, mere, moat (n), peat cuttings, salt marsh, brick pond in a vegetable garden. Taken from water surface, *Typha*, beneath a flint on a slope (w), beneath *Brachypodium* sward with mosses on a slope, in damp moss growing under a furze-bush on a hillock (w), base of a tussock in a thick scrubby tangle of long abandoned allotments, static water tank (n), the sea close to the shore, *Juncus* bed on the bank of an estuary, beneath trees and overhanging bushes on flooded gravel pits, puddles in wheel ruts in wood rides, lake reed-beds, underside of a plank lying on the ground by a stream (w), under a discarded notice board near a lake edge. Taken by netting, picking up out of a dyke on sandhills (n), sweeping stands of *Glyceria maxima* (n), under willow trees on dyke. Prey for *Notonecta*. Seen settling in the sun near a garden pond. Torpid specimen in woodland leaf-litter (w).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February					2	2
March	1			2		1
April	6	3	4	6	17	7
May	12	14	6	15	10	4
June	3	2	2	4	4	2
July	2	7	5	3	9 N	6 N
August	10	9 N	12 N	14 N	18 N	10 N
September	7 N	4 N	1	7 N	12 N	5 N
October	6 N	1	5 N	2	2 N	7
November	1				2	
December						

***Gerris lateralis* Schummel (Gerridae)**

Common name. The Swamp Pondskater.

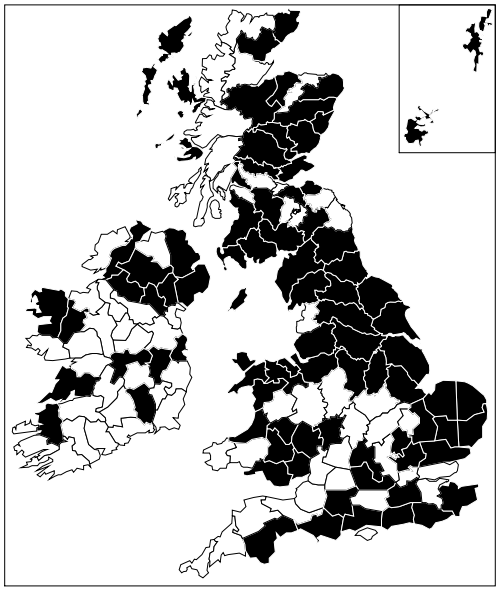
First report. EMM12:222-224 as *Gerris aspera*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from ditch, fen, canal, clay pit choked with vegetation, lough choked with vegetation, pool, woodland, slow-flowing brook (w), river, carr, loch, *Carex rostrata* swamp, lake, tarn, raised bog, peat hole, *Salix-Phragmites* swamp, rough-grazing meadow, shore of lough (w). Taken from dense emergent vegetation of a narrow stream, the base of emergent sedges in shallow flooded swampy ground, lakeside *Glyceria*, reed bed edges, slimy mud and duckweed-covered shallow water. Taken by netting, pitfall trap.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March				1		
April		1	1	2	1	1
May					1	1
June			1	1		
July			1			
August					1	1
September						1
October						
November						
December		1				

No habitus images are available.

***Gerris odontogaster* (Zetterstedt) (Gerridae)**

Common name. The Toothed Pondskater.

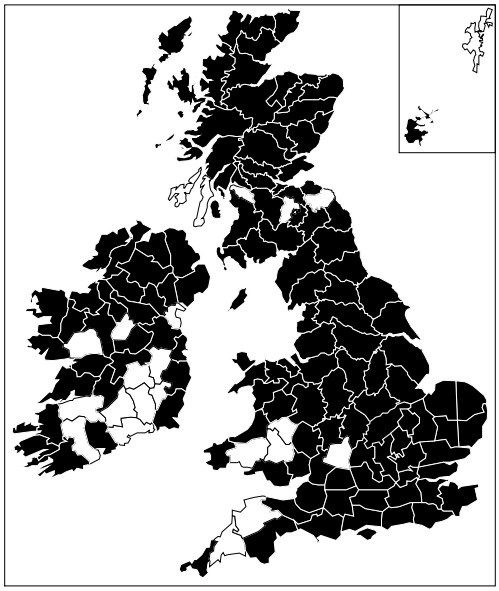
First report. EMM4:93-100 as *Hydrometra odontogaster*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from lake (w,n), pond (w,n), stream, farm land, bog, pool (w,n), canal, clay pit, ditch, dyke, field, heathland, coast (n), river, garden (w), marsh, bomb crater, channels and streams of a sewage works, concrete manhole, fen carr on the edge of a broad, weedy channel, sewer dyke, lead mine pool, brick pit, lough, mountain, orchard, salt marsh, tarn, peat moss, peat cutting, estuary, quarry (n), disused gravel pit, sandy gravel pit, loch, swampy margin of a lake, woodland. Taken from *Polygonum amphibium* in effluent lagoon, vegetation in a lough, grass tufts (w), marsh vegetation at side of a pond, water amongst Lesser Reed Mace (*Typha angustifolia*), under overhanging *Juncus* of limestone lake. Taken by netting.



	1-5	6-10	11-15	16-20	21-25	26-
January	1					
February						
March				2	2	2
April	6	6	7	8	7	3
May	5	8	1	2	2	2
June	1		1	2	1 N	
July	1	2	2 N	4		2
August	9	2 N	3		6 N	2
September	2	3 N	3	4	6	3
October	2	2	1		1	3
November	1					
December						

No habitus images are available.

***Gerris thoracicus* Schummel (Gerridae)**

Common name. The Ditch Pondskater.

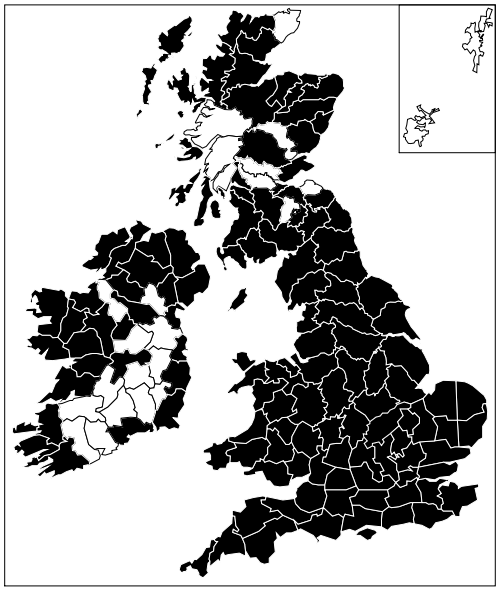
First report. D&S1865 as *Hydrometra thoracica*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from pond (w,n), garden (w), moat (n), lake (w), field, ballast pit, ditch, pool, brackish water, coast, salt marsh, dune slack, dykes, estuary, garden, heathland, horse trough, canal, peat, arable landscape, bog, bomb crater, effluent channels of sewage works, former watercress beds, clay, gravel pit, loch, lough, marsh, meadow, pasture, rhyne, stone tank, rocky sea shore just above the lichen zone, sphagnum pools, woodland, cliffs, shingle, sandhills, river, stream. Taken by netting. Seen on water surface and in flight. Seen dropping from the sky on to a pool.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						2
April	4	5	5	5	4	2
May	7	3	2	2	2	
June	3	1	2	2	1	1
July	1		5	3	1 N	2 N
August	7	4	4 N	3	1	2 N
September	1		2	1	1	
October						
November						
December						

No habitus images are available.

***Limnoporus rufoscutellatus* (Latreille) (Gerridae)**

Common name. The Irish Pondskater.

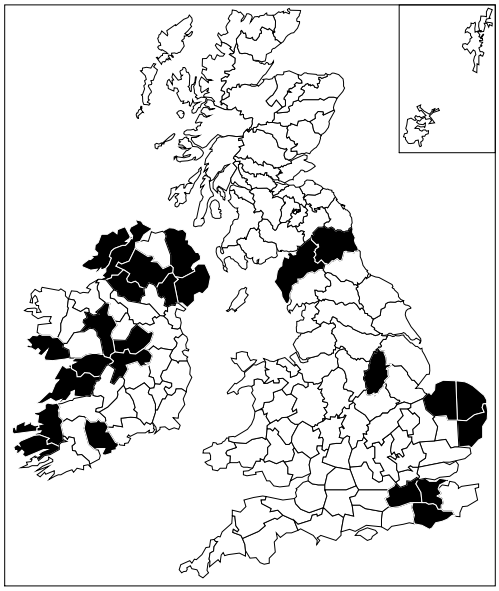
First report. EMM4:265-271 as *Hydrometra rufoscutellata*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from pond (w), puddle in woods (w), thick *Typha* band of a pond (n), lake, sparse reed beds on a lough, pool in a coastal saltmarsh, bog pool close to a lough, middle of a *Cladium* bed of a lake, under overhanging *Juncus* of a limestone lake, garden, *Carex rostrata* beds on lakes, pools on cutover bogs. Seen running on the surface of a dyke.



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March			2			
April	1	1		2	1	
May						1
June	1		1			
July						
August			N			
September	1		1	1	1	
October						
November						
December						

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (34) THE FAMILY NEPIDAE

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Introduction

This is the 34th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Nepidae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Nepa cinerea Linnaeus (Nepidae)

02C: 13 February 1990 [River Avon, near Bredon, Worcestershire. HSGN12:10]
02E: 22 February 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223]
03B: 7 March 1948 [Hadley Green, Barnet, Hertfordshire. Adults. LondonHets] 8 March 1952 [Mitcham Common, Surrey. LondonHets] 8 March 1953 [Beech Hill Lake, Hertfordshire. Adult. EG7:97-111&157-166&213-223]
03C: 11 March 1945 [Limpsfield, Surrey. LondonHets]
03D: 16 March 1941 [Near Glasfryn, Caernarvonshire. TSBE8:169-230]
03E: 23 March 1959 [Higham Marshes, Kent. LondonHets]
04A: 4 April 2003 [Colden Common, near Winchester, South Hampshire. HN1:3]
04B: 8 April 1936 [Braydon Pond, North Wiltshire. TSBE6:149-180] 8 April 1898 [Hither Green Lane, Lee, Kent. LondonHets]
04D: 16 April 1935 [Llyn Cororion, near Bangor, Carnarvonshire. TSBE6:149-180] 19 April 1939 [Stew Ponds, Epsom Common, Surrey. LondonHets] 19 April 1962 [Rye Meads, Hertfordshire. Adult. LondonHets] 19 April 1964 [Rye Meads, Hertfordshire. Adult. LondonHets]
04E: 22 April 1946 [Bookham Common, Surrey. LondonHets] 24 April 1949 [Hadley Green, Barnet, Hertfordshire. Nymph. LondonHets] 23 April 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 23 April 1956 [Near Harrow, Middlesex. LondonHets]

04F: 28 April 1928 [King's Somborne, Hampshire. THES4:14-15] 26 April 1953 [Epsom Common, Surrey. LondonHets]

05A: 1 May 1930 [Near Blackwater, North Hampshire. TSBE6:149-180] 2 May 1952 [Hadley Green, Barnet, Hertfordshire. Adult. LondonHets] 4 May 1952 [Bookham Common. PTSLENHS1952-53:75] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57] 1 May 1971 [Ettridge Farm, Brickenden Liberty, Hertfordshire. Adults. LondonHets] 2 May 2003 [Sandygate House Dub, Isle of Man. EMM143:207-212]

05B: 6 May 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 6 May 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 9 May 1953 [Gors Geirch, Caernarvonshire. EMM92:54-64] 8 May 1954 [Barnet, Hertfordshire. LondonHets]

05C: 11 May 1924 [Leatherhead, Surrey. Nymph. LondonHets] 12 May 1934 [Shottery, Warwickshire. TSBE6:149-180] 12 May 1938 [Haileybury, Hertfordshire. LondonHets] 14 May 1952 [Epping Forest, Essex. LondonHets] 13 May 1954 [Mimms Wash Stream, Hertfordshire. Male and female. EG7:97-111&157-166&213-223] 15 May 1998 [Dozmary Pool, Cornwall. CornwallHets]

05D: 18 May 1901 [Oxshott. PSLENHS1901:11-14] 19 May 1959 [Lake Bunny, The Burren, Co Clare. Male and female. EMM95:155] 16 May 1896 [Hither Green Lane, Lee, Kent. LondonHets]

05E: 23 May 1931 [Woking. PSLENHS1931-32:63-64] 23 May 1951 [Horsell, Surrey. LondonHets] 21 May 1959 [Lake Shandangan, The Burren, Co Clare. Male and female. EMM95:155] 24 May 1970 [Epsom Common, Surrey. LondonHets]

05F: 30 May 1966 [Near Rye Meads, Hertfordshire. Adult. LondonHets] 30 May 1982 [Darland's Lake NR, Totteridge, Hertfordshire. LondonHets]

06A: 5 June 1930 [Brimscombe, West Gloucestershire. TSBE6:149-180] 3 June 1931 [Harty Marsh, Sheppey. PSLENHS1931-32:63-64] 1 June 1932 [Dauntsey, North Wiltshire. TSBE6:149-180] 2 June 1932 [Near Prestbury, East Gloucestershire. TSBE6:149-180] 4 June 1934 [Ambergate, Derbyshire. TSBE6:149-180] 5 June 1934 [River Cherwell, Banbury, Oxfordshire. TSBE6:149-180]

06B: 8 June 1930 [Folkestone Warren, East Kent. TSBE6:149-180] 8 June 1931 [Brookwood, Surrey. PSLENHS1931-32:63-64] 8 June 1931 [River Avon, Fordingbridge, South Hampshire. TSBE6:149-180] 8 June 1953 [Frensham Little Pond, Surrey. EMM89:284-285] 9 June 1963 [Blackheath, Kent. Nymphs. LondonHets]

06D: 19 June 1932 [Amberley, West Sussex. TSBE6:149-180] 16 June 1941 [Llyn Mair, Merionethshire. TSBE8:169-230] 20 June 1941 [Near Morfa Nevin, Caernarvonshire. TSBE8:169-230] 20 June 1971 [Lemsford Springs, Hertfordshire. LondonHets] 19 June 2001 [The Loe, Cornwall. CornwallHets]

06E: 24 June 1931 [Near Huntingdon, Huntingdonshire. TSBE6:149-180] 22 June 1932 [River Cam, Coe Fen, Cambridgeshire. TSBE6:149-180] 24 June 1941 [Llyn Glasfryn, Caernarvonshire. TSBE8:169-230]

06F: 26 June 1910 [Ballaugh Parish, Isle of Man. HN15:9] 30 June 1910 [On the Curragh, near Sulby Glen Station, Isle of Man. HN15:9] 26 June 1931 [River Lark, Barton Mills, West Suffolk. TSBE6:149-180] 27 June 1931 [Stort Navigation, Roydon, North Essex. TSBE6:149-180] 29 June 1933 [Foss Dike Navigation, Saxilby, Leicestershire and Rutland. TSBE6:149-180] 28 June 1942 [Boston Manor,Middslesex. LondonHets] 29 June 1952 [Sutton Broad, near Catfield, West Norfolk. EMM88:206]

07A: 3 July 1910 [Near Ballaugh, Isle of Man. HN15:9] 5 July 1931 [Near Cranford, Middlesex. TSBE6:149-180] 1 July 1961 [Benfleet, Essex. PTSLENHS1961:81-82]

07B: 6 July 1937 [Near Skibbereen, West Cork. TSBE6:149-180] 6 July 1975 [Epsom Common, Surrey. LondonHets] 7 July 2001 [Crowdy, Cornwall. CornwallHets]

07C: 11 July 1914 [Stew Ponds, Epsom Common, Surrey. Nymphs. LondonHets] 12 July 1937 [Killarney, South Kerry. TSBE6:149-180] 14 July 1937 [Near Petty France, West Gloucestershire. TSBE6:149-180]

07D: 19 July 1941 [Near Moel-y-Penmaen, Caernarvonshire. Nymphs. TSBE8:169-230] 16 July 1949 [Hadley Green, Barnet, Hertfordshire. Nymph. LondonHets] 17 July 1949 [Hadley Green, Barnet, Hertfordshire. Nymph. LondonHets]

07E: 25 July 1940 [Car Dyke, Peterborough, Northamptonshire. Nymph. TSBE9:151-195] 22 July 1941 [Afon Erch, Caernarvonshire. TSBE8:169-230] 25 July 1955 [Stanford le Hope, Essex. LondonHets]

07F: 27 July 1931 [Normandy, Surrey. TSBE6:149-180] 26 July 1953 [Dartford Marshes, Kent. Nymph. LondonHets] 31 July 1992 [Stroudwater Canal, Stonehouse, Gloucestershire. GloucsHets]

08A: 2 August 1933 [Grand Junction Canal, Slough, Buckinghamshire. TSBE6:149-180] 1 August 1935 [River Suir, Kilsheelan, South Tipperary. TSBE6:149-180] 1 August 1935 [River Suir, Kilsheelan, South Tipperary. TSBE6:149-180] 5 August 1935 [Anner Castle, Clonmel, South Tipperarary. TSBE6:149-180] 3 August 1937 [Near Badminton Park, West Gloucestershire. TSBE6:149-180] 3 August 1937 [Aust, Gloucestershire. GloucsHets] 4 August 1937 [Braydon Pond, North Wiltshire. TSBE6:149-180] 1 August 1940 [Flag Fen, Peterborough, Northamptonshire. Adults and nymphs. TSBE9:151-195] 5 August 1940 [Epping Forest, South Essex. Nymphs. TSBE9:151-195] 5 August 1941 [Near Llanystumdwy, Caernarvonshire. Nymph. TSBE8:169-230] 4 August 1942 [Cherry Tree Station, Lancashire. Adults. TSBE10:1-44] 4 August 1957 [Somerton, Oxfordshire. Ent91:15-19] 1 August 1963 [Blackheath, Kent. Nymphs. LondonHets]

08B: 10 August 1940 [Somerton, Oxfordshire. Adult and nymph. TSBE9:151-195] 7 August 1941 [Malldraeth Sands, Anglesey. Nymph. TSBE8:169-230] 8 August 1941 [Llyn Hendref, Anglesey. Adult and nymph. TSBE8:169-230] 8 August 1941 [Anglesey. Nymph. TSBE8:169-230] 8 August 1990 [Hoylake, Cheshire. EMM129:60] 6 August 1992 [Purton Ponds, Gloucestershire. GloucsHets] 6 August 2006 [Lower Polmoria, Cornwall. CornwallHets]

08C: 15 August 1916 [Rickmansworth, Hertfordshire. Adult and nymph. LondonHets] 14 August 1925 [Woodford, Essex. Nymphs. LondonHets] 12 August 1930 [Hartlebury Common, Worcestershire. TSBE6:149-180] 11 August 1937 [Highcliffe, South Hampshire. TSBE6:149-180] 13 August 1937 [Countess Wear, near Exeter, South Devon. TSBE6:149-180] 15 August 1944 [Cherry Tree Station, Lancashire. Nymphs. TSBE10:1-44] 15 August 1946 [West of Bryn Euryn, Denbighshire. Nymphs. TSBE10:269-280] 15 August 1946 [West of Bryn Euryn, Denbighshire. Nymphs. TSBE10:269-280] 15 August 1965 [Higham Marshes, Kent. LondonHets] 13 August 1973 [Stromness parish, Orkney. Adults and nymphs. EMM110:132] 11 August 1979 [Stifford near Greys, Essex. LondonHets]

08D: 20 August 1940 [Lower Heyford, Oxfordshire. Nymphs. TSBE9:151-195] 17 August 1941 [Afon Erch, Caernarvonshire. Nymph. TSBE8:169-230] 18 August 1941 [Near Moel-y-Penmaen, Caernarvonshire. Nymphs. TSBE8:169-230] 16 August 1949 [Hampstead Heath, Middlesex. EMM85:253]

08E: 22 August 1930 [Davidstow, East Cornwall. TSBE6:149-180] 25 August 1935 [Keswick Beck, East Keswick, Mid-west Yorkshire. TSBE6:149-180] 22 August 1936 [Dunwear, North Somerset. TSBE6:149-180] 21 August 1944 [Near Myercough Hotel, Lancashire. Nymphs. TSBE10:1-44] 24 August 1946 [Wimbledon Common, Surrey. Nymphs. JSBE3:158-173] 25 August 1953 [Beech Hill Lake, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 25 August 1953 [Hadley Green, Hertfordshire. Nymphs. EG7:97-111&157-166&213-223] 25 August 1960 [River Welland, Gretton, Northamptonshire. EMM97:32-33] 25 August 1960 [River Welland, Thorpe-by-water, Rutland. EMM97:32-33] 22 August 1971 [Near Stanstead Abbots Gravel Pit, Hertfordshire. Immature adult. LondonHets] 21 August 1898 [Methven Loch, Perthshire. Nymph. EMM35:49-53]

08F: 27 August 1932 [Near Lough Gur, Co Limerick. TSBE6:149-180] 31 August 1932 [River Wye, Herefordshire. TSBE6:149-180] 27 August 1940 [Glinton, Northamptonshire. Adult and nymph. TSBE9:151-195] 27 August 1941 [Llyn Glasfryn, Caernarvonshire. Nymphs. TSBE8:169-230] 27 August 1946 [Richmond Park, Surrey. Adult. JSBE3:158-173] 26 August 1951 [Stanmore, Middlesex. Nymphs. LondonHets] 26 August 1963 [Blackheath, Kent. Nymphs. LondonHets]

09A: 2 September 1925 [Buckhurst Hill, Essex. Nymphs. LondonHets] 3 September 1940 [Epping Forest, South Essex. Nymphs. TSBE9:151-195] 5 September 1951 [Hadley Green, Barnet, Hertfordshire. Nymph. LondonHets] 5 September 1957 [Lea Valley Marshes, Cheshunt,

Hertfordshire. Adult. LondonHets] 3 September 2000 [Coombe Hill Canal, Gloucestershire. GloucsHets]
09B: 8 September 1940 [Near Farnborough, Surrey. Nymph. TSBE9:151-195] 10 September 1944 [Bookham Common, Surrey. LondonHets] 7 September 1966 [Bletchingly, Surrey. LondonHets]
09C: 15 September 1940 [Near Aldershot, North Hampshire. Nymph. TSBE9:151-195] 11 September 1964 [Bromley, Kent. LondonHets] 14 September 1991 [Nagshead, Gloucestershire. GloucsHets]
09D: 20 September 1944 [Houghton Regis, Bedfordshire. EMM81:183-185] 16 September 1963 [Epping Forest, Essex. LondonHets]
09E: 25 September 1930 [West Sedgemoor, South Somerset. TSBE6:149-180] 21 September 1932 [Near Aynho, Northamptonshire. TSBE6:149-180] 21 September 1933 [River Stour, Sturminster Newton, Dorset. TSBE6:149-180] 21 September 1940 [Longleat Park, South Wiltshire. TSBE9:151-195] 24 September 1948 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 25 September 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Adult and nymph. EG7:97-111&157-166&213-223] 25 September 1953 [Beech Hill Lake, Hertfordshire. Adult and nymph. EG7:97-111&157-166&213-223] 22 September 1963 [Weybridge, Surrey. LondonHets]
09F: 28 September 1944 [Near Myercough Hotel, Lancashire. Nymph. TSBE10:1-44] 29 September 1951 [Bookham Common, Surrey. LondonHets]
10A: 1 October 1910 [Epping Forest, Essex. LondonHets] 4 October 1947 [Bookham Common, Surrey. LondonHets] 1 October 1971 [River Ver, Colney Street, Hertfordshire. Juvenile. LondonHets]
10B: 7 October 1931 [Roggiett, Monmouthshire. TSBE6:149-180] 8 October 1945 [Boxmoor, Hertfordshire. EMM85:249-253] 10 October 1954 [South Mimms, Middlesex. LondonHets] 10 October 1971 [Near Wheathampstead, Hertfordshire. Adult and immature. LondonHets]
10C: 11 October 1942 [Bookham Common, Surrey. LondonHets] 15 October 1958 [Abbey Wood Marshes, Kent. LondonHets]
10D: 16 October 1949 [Hadley Green, Barnet, Hertfordshire. Adult. LondonHets]
11A: 3 November 1935 [Braydon Pond, North Wiltshire. TSBE6:149-180]
11C: 15 November 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 13 November 1990 [Bredon, Worcestershire. EMM129:60]
11D: 17 November 1940 [River Loddon, near Swallowfield, Reading district. Nymph. EMM77:101-104] 17 November 1942 [Ponders End, Middlesex. LondonHets]
12B: 6 December 1953 [Barnet, Hertfordshire. LondonHets]

Ranatra linearis (Linnaeus) (Nepidae)
01D: 16 January 1885 [Loughton, Essex. Females. PESL1885:iii]
02F: 28 February 1868 [Little Moat, Reigate, Surrey. LondonHets]
03C: 11 March 1900 [Near Byfleet. Winged. Ent33:181] 15 March 1901 [Greenford, Middlesex. LondonHets]
03E: 24 March 1972 [Rye Meads, Hertfordshire. Adult. LondonHets]
03F: 31 March 1997 [Wickwar, Gloucestershire. GloucsHets]
04A: 4 April 1931 [Bookham. PSLENHS1931-32:55] 4 April 1936 [Corfe Castle, Dorset. TSBE9:151-195]
04B: 8 April 1936 [Braydon Pond, North Wiltshire. TSBE6:149-180]
04C: 15 April 1943 [Epsom Common, Surrey. Adults. JSBE2:185-186] 12 April [Stone, Buckinghamshire. ERJV92:227-228]
04D: 19 April 1953 [Wrotham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 17 April 1957 [Higham Marshes, Kent. LondonHets]
04E: 24 April 1949 [Barnet, Hertfordshire. LondonHets] 23 April 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223]
04F: 26 April 1900 [Epping Forest. Ent33:181] 29 April 1937 [Holt Common, Wimborne, Dorset. TSBE9:151-195]

05A: 2 May 1900 [Rickmansworth. Ent33:181] 1 May 1932 [Windsor Forest. ERJV44:129] 5 May 1995 [Yate, Gloucestershire. GloucsHets]
05B: 8 May 2000 [Felmersham NR, Bedfordshire. HN1:3] 7 May 1874 [Hayling Island, South Hampshire. EMM84:125-127]
05C: 12 May 2000 [Churt Flashes, Surrey. Adult. BJENH13:243] 15 May 2012 [Dune Slack Pool, Newborough plantation, VC52. Adults. HN23:12]
05D: 19 May 1900 [Black Pond, Oxshott. Ent33:181] 18 May 1901 [Oxshott. PSLENHS1901:11-14] 20 May 1903 [Mitcham, Surrey. LondonHets] 16 May 2004 [Hen Reedbeds Reserve, near Southwold, Suffolk. Adult. HN4:3] 17 May 2011 [Ripon College, Harrogate. HN17/18:18] 20 May 1840 [Colhill Pond, near Wimborne, Dorest. EMM84:125-127]
05E: 23 May 1931 [Horsell, Surrey. LondonHets] 24 May 2005 [Goole area, Yorkshire. HN5:7]
05F: 31 May 2010 [Treborth lake, VC49. HN23:11]
06A: 5 June 1983 [Stanmore, Middlesex. LondonHets]
06B: 10 June 1939 [Goldings Hill Pond, Epping Forest, Hertfordshire. LondonHets] 9 June 1940 [Roundings Pond, Haileybury, Hertfordshire. Adult. LondonHets] 7 June 1996 [Near Needham Market, Suffolk. HSGN13:9] 10 June [Byfleet. PSLENHS1899:89-92]
06C: 11 June 1925 [Blackwater, Vinney Ridge Inclosure, New Forest. Ent58:190] 13 June 1936 [Black Pond, Esher Common, Surrey. LondonHets] 15 June 1952 [Epsom, Surrey. PTSLENHS1952-53:31]
06D: 17 June 1942 [Ponders End, Middlesex. LondonHets]
06E: 23 June 1965 [Lea Navigation, Hertfordshire. Nymphs. LondonHets]
06F: 26 June 1941 [Buxted Park, Sussex. JSBE2:121-122] 28 June 1955 [Wrotham Park, near Barnet, Hertfordshire. Adult. Ent89:188-195] 27 June 1971 [Stanborough Lake, Hertfordshire. Adult. LondonHets] 30 June 2004 [Rother Valley Country Park, SW Yorkshire. HN7:15] 29 June 2006 [Bude Canal, Cornwall. CornwallHets]
07A: 2 July 1926 [Ockham Common, Surrey. LondonHets] 4 July 2008 [Cors Bodeilio NNR, VC52. Nymph. HN23:12]
07B: 7 July 1900 [Ockham Common, Oxshott. PSLENHS1900:15-16] 9 July 1950 [Stew Ponds, Epsom Common, Surrey. LondonHets] 10 July 1977 [Fairwood Lake, Gower Peninsula, Glamorgan. Adult. EG43:114]
07C: 14 July 1940 [Roundings Pond, Haileybury, Hertfordshire. Nymphs. LondonHets]
07D: 19 July 1991 [Broad Pool, Gower Peninsula, Glamorgan. Nymph. EG43:114]
07F: 29 July 1940 [Roundings Pond, Haileybury, Hertfordshire. Nymphs. LondonHets]
08A: 4 August 1937 [Braydon Pond, North Wiltshire. TSBE6:149-180] 5 August 2010 [Mill River, near Ipswich, VC25. HN16:8]
08B: 6 August 1992 [Purton Ponds, Gloucestershire. GloucsHets] 6 August 1993 [Black Bourne River, Euston, West Sussex. Nymphs. HSGN13:10]
08D: 18 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 19 August 1940 [Thrupp, Oxfordshire. Adult and nymph. TSBE9:151-195] 18 August 1971 [Old River Lea, Cheshunt, Hertfordshire. Adult. LondonHets] 18 August 1971 [Cadmore Lane Gravel Pit, Cheshunt, Hertfordshire. Nymphs. LondonHets] 19 August 2005 [Hanmer Mere, Denbighshire. HN7:16]
08E: 25 August 1942 [Epsom Common, Surrey. Adult and nymphs. JSBE2:185-186]
09A: 4 September 1937 [Littlesea, Studland, Dorset. TSBE9:151-195] 3 September 1940 [Epping Forest, South Essex. Adult. TSBE9:151-195] 3 September 2000 [Coombe Hill Canal, Gloucestershire. GloucsHets]
09B: 8 September 1935 [Ranmore Common, Surrey. LondonHets] 8 September 1940 [Near Farnborough, Surrey. Adult and nymph. TSBE9:151-195]
09C: 13 September 1942 [Central Ditch, Bookham Common, Surrey. LondonHets]
09D: 20 September 1947 [Colney Heath, Hertfordshire. LondonHets] 20 September 1953 [Wrotham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 20 September 1957 [Wrotham Park, Enfield, Middlesex. Adults. LondonHets] 16 September 1992 [River Great Ouse, near St Ives, Huntingdonshire. HN2:2] 19 September 2005 [Hanmer Mere, Denbighshire (VC50). HN6:14] 18 September [Throxenby Mere, NE Yorkshire. HN10:10]

10C: 12 October 1971 [Croft Pascoe Pool, Cornwall. CornwallHets] 11 October 2007 [Hassacarr Pond, Dunnington, VC61. HN11:17]
11A: 3 November 1935 [Braydon Pond, North Wiltshire. TSBE6:149-180]
11B: 8 November 1938 [Goldings Wood, Haileybury, Hertfordshire. LondonHets]
12D: 18 December 1936 [Richmond Park, Surrey. LondonHets]

Detailed records

Nepa cinerea Linnaeus (Nepidae)
Under logs on river bank. One caught, held and predated a carabid beetle *Nebria brevicollis* [River Avon, near Bredon, Worcestershire. 13 February 1990. HSGN12:10]
Pond [Hadley Green, Hertfordshire. 22 February 1953. Adult. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 8 March 1953. Adult. EG7:97-111&157-166&213-223]
Artificial pool [Near Glasfryn, Caernarvonshire. 16 March 1941. TSBE8:169-230]
At mercury vapour moth trap in a garden [Colden Common, near Winchester, South Hampshire. 4 April 2003. HN1:3]
Artificial lake [Braydon Pond, North Wiltshire. 8 April 1936. TSBE6:149-180]
Pond in field [Hither Green Lane, Lee, Kent. 8 April 1898. LondonHets]
Lake [Llyn Cororion, near Bangor, Carnarvonshire. 16 April 1935. TSBE6:149-180]
In pond [Stew Ponds, Epsom Common, Surrey. 19 April 1939. LondonHets]
In dyke [Rye Meads, Hertfordshire. 19 April 1962. Adult. LondonHets]
Eating a worm in an effluent lagoon [Rye Meads, Hertfordshire. 19 April 1964. Adult. LondonHets]
In ditch [Bookham Common, Surrey. 22 April 1946. LondonHets]
Pond [Hadley Green, Hertfordshire. 23 April 1953. Adult. EG7:97-111&157-166&213-223]
In pond [Near Harrow, Middlesex. 23 April 1956. LondonHets]
In a small stream crossing a garden [King's Somborne, Hampshire. 28 April 1928. THES4:14-15]
Pond [Near Blackwater, North Hampshire. 1 May 1930. TSBE6:149-180]
Among weeds dragged from a pond [Bookham Common. 4 May 1952. PTSLENHS1952-53:75]
In green water of farm pond [Ettridge Farm, Brickenden Liberty, Hertfordshire. 1 May 1971. Adults. LondonHets]
Marshy ornamental pond, formerly a claypit [Sandygate House Dub, Isle of Man. 2 May 2003. EMM143:207-212]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Adult. EG7:97-111&157-166&213-223]
In ponds [Barnet, Hertfordshire. 8 May 1954. LondonHets]
Pond [Shottery, Warwickshire. 12 May 1934. TSBE6:149-180]
From garden pond [Haileybury, Hertfordshire. 12 May 1938. LondonHets]
Pond [Epping Forest, Essex. 14 May 1952. LondonHets]
Stream [Mimms Wash Stream, Hertfordshire. 13 May 1954. Male and female. EG7:97-111&157-166&213-223]
From a lake [Lake Bunny, The Burren, Co Clare. 19 May 1959. Male and female. EMM95:155]
Pond in field [Hither Green Lane, Lee, Kent. 16 May 1896. LondonHets]
From a lake [Lake Shandangan, The Burren, Co Clare. 21 May 1959. Male and female. EMM95:155]
In pond [Epsom Common, Surrey. 24 May 1970. LondonHets]
In gravel pit pool [Near Rye Meads, Hertfordshire. 30 May 1966. Adult. LondonHets]
From lake overflow [Darland's Lake NR, Totteridge, Hertfordshire. 30 May 1982. LondonHets]
Canal [Brimscombe, West Gloucestershire. 5 June 1930. TSBE6:149-180]
Silt-pond [Dauntsey, North Wiltshire. 1 June 1932. TSBE6:149-180]
Pond [Near Prestbury, East Gloucestershire. 2 June 1932. TSBE6:149-180]
Canal [Ambergate, Derbyshire. 4 June 1934. TSBE6:149-180]
River [River Cherwell, Banbury, Oxfordshire. 5 June 1934. TSBE6:149-180]
Pond [Folkestone Warren, East Kent. 8 June 1930. TSBE6:149-180]
River [River Avon, Fordingbridge, South Hampshire. 8 June 1931. TSBE6:149-180]

From a pond [Frensham Little Pond, Surrey. 8 June 1953. EMM89:284-285]
Garden pond [Blackheath, Kent. 9 June 1963. Nymphs. LondonHets]
Ditch [Amberley, West Sussex. 19 June 1932. TSBE6:149-180]
Lake [Llyn Mair, Merionethshire. 16 June 1941. TSBE8:169-230]
Pond on cliffs near coast [Near Morfa Nevin, Caernarvonshire. 20 June 1941. TSBE8:169-230]
In roots of fallen willow at river margin [Lemsford Springs, Hertfordshire. 20 June 1971. LondonHets]
Pond [Near Huntingdon, Huntingdonshire. 24 June 1931. TSBE6:149-180]
River [River Cam, Coe Fen, Cambridgeshire. 22 June 1932. TSBE6:149-180]
Lake shore [Llyn Glasfryn, Caernarvonshire. 24 June 1941. TSBE8:169-230]
Pond in an old gravel pit [Ballaugh Parish, Isle of Man. 26 June 1910. HN15:9]
Peat cuttings [On the Curragh, near Sulby Glen Station, Isle of Man. 30 June 1910. HN15:9]
River [River Lark, Barton Mills, West Suffolk. 26 June 1931. TSBE6:149-180]
From small pools [Sutton Broad, near Catfield, West Norfolk. 29 June 1952. EMM88:206]
Pond in hay-field [Near Ballaugh, Isle of Man. 3 July 1910. HN15:9]
Pond [Near Cranford, Middlesex. 5 July 1931. TSBE6:149-180]
From a marsh [Benfleet, Essex. 1 July 1961. PTSLENHS1961:81-82]
Fringe of pool [Near Skibbereen, West Cork. 6 July 1937. TSBE6:149-180]
Pools in gravel-pit [Killarney, South Kerry. 12 July 1937. TSBE6:149-180]
Stone-built pond at c700ft [Near Petty France, West Gloucestershire. 14 July 1937. TSBE6:149-180]
Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 19 July 1941. Nymphs. TSBE8:169-230]
Dyke [Car Dyke, Peterborough, Northamptonshire. 25 July 1940. Nymph. TSBE9:151-195]
Ditch [Afon Erch, Caernarvonshire. 22 July 1941. TSBE8:169-230]
Pond [Normandy, Surrey. 27 July 1931. TSBE6:149-180]
Dyke [Dartford Marshes, Kent. 26 July 1953. Nymph. LondonHets]
River [River Suir, Kilsheelan, South Tipperary. 1 August 1935. TSBE6:149-180]
River [River Suir, Kilsheelan, South Tipperary. 1 August 1935. TSBE6:149-180]
River [Anner Castle, Clonmel, South Tipperarary. 5 August 1935. TSBE6:149-180]
Fish-pond [Near Badminton Park, West Gloucestershire. 3 August 1937. TSBE6:149-180]
Silted ditch [Aust, Gloucestershire. 3 August 1937. GloucsHets]
Artificial lake [Braydon Pond, North Wiltshire. 4 August 1937. TSBE6:149-180]
Pond [Flag Fen, Peterborough, Northamptonshire. 1 August 1940. Adults and nymphs. TSBE9:151-195]
Pond [Epping Forest, South Essex. 5 August 1940. Nymphs. TSBE9:151-195]
Swampy margin of a lake [Near Llanystumdwy, Caernarvonshire. 5 August 1941. Nymph. TSBE8:169-230]
Pond [Cherry Tree Station, Lancashire. 4 August 1942. Adults. TSBE10:1-44]
In a canal [Somerton, Oxfordshire. 4 August 1957. Ent91:15-19]
Garden pond [Blackheath, Kent. 1 August 1963. Nymphs. LondonHets]
Canal [Somerton, Oxfordshire. 10 August 1940. Adult and nymph. TSBE9:151-195]
Pools behind sand dunes [Malldraeth Sands, Anglesey. 7 August 1941. Nymph. TSBE8:169-230]
Lake [Llyn Hendref, Anglesey. 8 August 1941. Adult and nymph. TSBE8:169-230]
Lake [Anglesey. 8 August 1941. Nymph. TSBE8:169-230]
Strongly brackish marsh [Hoylake, Cheshire. 8 August 1990. EMM129:60]
In new pond [Lower Polmoria, Cornwall. 6 August 2006. CornwallHets]
Pond [Hartlebury Common, Worcestershire. 12 August 1930. TSBE6:149-180]
Pools on sandy clay cliffs [Highcliffe, South Hampshire. 11 August 1937. TSBE6:149-180]
Meadow-pond [Countess Wear, near Exeter, South Devon. 13 August 1937. TSBE6:149-180]
Pond [Cherry Tree Station, Lancashire. 15 August 1944. Nymphs. TSBE10:1-44]
Ditch [West of Bryn Euryn, Denbighshire. 15 August 1946. Nymphs. TSBE10:269-280]
Ditch [West of Bryn Euryn, Denbighshire. 15 August 1946. Nymphs. TSBE10:269-280]
In a pond at the edge of a bog [Stromness parish, Orkney. 13 August 1973. Adults and nymphs. EMM110:132]
Canal [Lower Heyford, Oxfordshire. 20 August 1940. Nymphs. TSBE9:151-195]

Ditch [Afon Erch, Caernarvonshire. 17 August 1941. Nymph. TSBE8:169-230]
Boggy pool [Near Moel-y-Penmaen, Caernarvonshire. 18 August 1941. Nymphs. TSBE8:169-230]
Pond [Hampstead Heath, Middlesex. 16 August 1949. EMM85:253]
Pond [Davidstow, East Cornwall. 22 August 1930. TSBE6:149-180]
Brick-pits [Dunwear, North Somerset. 22 August 1936. TSBE6:149-180]
Pond [Near Myercough Hotel, Lancashire. 21 August 1944. Nymphs. TSBE10:1-44]
Stream [Wimbledon Common, Surrey. 24 August 1946. Nymphs. JSBE3:158-173]
Lake [Beech Hill Lake, Hertfordshire. 25 August 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Nymphs. EG7:97-111&157-166&213-223]
In gravel pit pool [Near Stanstead Abbots Gravel Pit, Hertfordshire. 22 August 1971. Immature adult. LondonHets]
Dredged up from near the roots of rushes in a loch [Methven Loch, Perthshire. 21 August 1898. Nymph. EMM35:49-53]
Stream [Near Lough Gur, Co Limerick. 27 August 1932. TSBE6:149-180]
River [River Wye, Herefordshire. 31 August 1932. TSBE6:149-180]
Pond [Glinton, Northamptonshire. 27 August 1940. Adult and nymph. TSBE9:151-195]
Lake shore [Llyn Glasfryn, Caernarvonshire. 27 August 1941. Nymphs. TSBE8:169-230]
Pond [Richmond Park, Surrey. 27 August 1946. Adult. JSBE3:158-173]
Garden pond, dredged up or on surface of the mud under dead leaves [Blackheath, Kent. 26 August 1963. Nymphs. LondonHets]
Pond [Epping Forest, South Essex. 3 September 1940. Nymphs. TSBE9:151-195]
Dredged up from muddy ditches [Lea Valley Marshes, Cheshunt, Hertfordshire. 5 September 1957. Adult. LondonHets]
Canal [Near Farnborough, Surrey. 8 September 1940. Nymph. TSBE9:151-195]
In pond [Bookham Common, Surrey. 10 September 1944. LondonHets]
In a pond [Bletchingly, Surrey. 7 September 1966. LondonHets]
Moorland ditch [Near Aldershot, North Hampshire. 15 September 1940. Nymph. TSBE9:151-195]
Under stone in stream in chalk-pit [Houghton Regis, Bedfordshire. 20 September 1944. EMM81:183-185]
Ditch [West Sedgemoor, South Somerset. 25 September 1930. TSBE6:149-180]
Ditch [Near Aynho, Northamptonshire. 21 September 1932. TSBE6:149-180]
River [River Stour, Sturminster Newton, Dorset. 21 September 1933. TSBE6:149-180]
Pool [Longleat Park, South Wiltshire. 21 September 1940. TSBE9:151-195]
In ditch [Filbro' Marshes, near Gravesend, Kent. 24 September 1948. LondonHets]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Adult and nymph. EG7:97-111&157-166&213-223]
Lake [Beech Hill Lake, Hertfordshire. 25 September 1953. Adult and nymph. EG7:97-111&157-166&213-223]
Pond [Near Myercough Hotel, Lancashire. 28 September 1944. Nymph. TSBE10:1-44]
In pond [Bookham Common, Surrey. 29 September 1951. LondonHets]
In stream [Bookham Common, Surrey. 4 October 1947. LondonHets]
Amongst watercress in the shallows of a river [River Ver, Colney Street, Hertfordshire. 1 October 1971. Juvenile. LondonHets]
Ditch [Roggiett, Monmouthshire. 7 October 1931. TSBE6:149-180]
In thick weeds at edge of streamlet in a meadow [Boxmoor, Hertfordshire. 8 October 1945. EMM85:249-253]
In pond [Near Wheathampstead, Hertfordshire. 10 October 1971. Adult and immature. LondonHets]
In pond [Bookham Common, Surrey. 11 October 1942. LondonHets]
In dyke with thick vegetation [Abbey Wood Marshes, Kent. 15 October 1958. LondonHets]
Artificial lake [Braydon Pond, North Wiltshire. 3 November 1935. TSBE6:149-180]
Pond [Hadley Green, Hertfordshire. 15 November 1953. Adult. EG7:97-111&157-166&213-223]
Predating beetle *Nebria brevicollis* under log on floodplain [Bredon, Worcestershire. 13 November 1990. EMM129:60]

Among flood debris collected from a river [River Loddon, near Swallowfield, Reading district. 17 November 1940. Nymph. EMM77:101-104]
In pools [Ponders End, Middlesex. 17 November 1942. LondonHets]
In pond [Barnet, Hertfordshire. 6 December 1953. LondonHets]
In a lough [Thurstonfield Lough, Cumberland. 1916. EMM53:112-113]
In a lake [Lake Ullswater, Cumberland. 1916. EMM53:112-113]
From a stagnant field ditch and a slow-flowing stream [Near Flatford Mill, Suffolk/Essex. 1963. EMM100:88-90]
In spring [River Darent, Kent. 1963. LondonHets]
In a garden. Seen to climb out of the pond at night and probe into cracks and crevices of a paving slab [Bretton, Peterborough. 1993. HSGN12:10]
River [River Ver, Hertfordshire. 2005. HN8:12]
Round the edges of a lake [Rhosneigr, Anglesey. August 1932. Nymph. EMM68:231-232]
In a canal, with 27 Hydrachnid parasites attached [Stratford-on-Avon, Warwickshire. May 1934. EMM70:142]
Pond [Richmond Park, Surrey. August 1934. Adults. JSBE3:158-173]
Ponds [Glenageary, Co Dublin. September 1934. IrelandHets]
Pool in Sphagnum bog [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
Pond [Covenhope Pool, near Mortimers Cross, Herefordshire. August 1936. TSBE6:149-180]
Overflow ponds of a river [River Lugg, near Holme Lacey, Herefordshire. August 1936. TSBE6:149-180]
Meadow-pond [Easthampton, Herefordshire. August 1936. TSBE6:149-180]
Pond in quarry [Near Bedford, Bedfordshire. October 1940. Cast skin. TSBE9:151-195]
In damp mud of floor of a dried-up pond [Coulsdon, Surrey. March 1961. LondonHets]
Pond [Perivale, Middlesex. August 1963. Nymph. LondonHets]
In a pool [Ruislip LNR, Middlesex. August 1964. Nymphs. LondonHets]
In a pitfall trap in *Nardus stricta* grassland six metres from the edge of a pond [VC43. November 1987. EG40:39-41]
Along a canal [Basingstoke Canal, Surrey. 1954-1955. LondonHets]
Garden pond [Blackheath, Kent. 1964-1965. Adults. LondonHets]
In damp ditch [Soudley, Gloucestershire. 1970s. GloucsHets]
Artificial water body, ponds, ditch and river/stream [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
In disused brick ponds [Top of Hilly Fields, Lewisham. c1860. PTSLENHS1934-35:125-131]
In lakes [Dartford, Kent. c1958. LondonHets]
In dykes [Sutton Broad. Easter 1905. Males and females. TRESL54:87-90]
Small shallow pond at 400ft [Hadley Common, Hertfordshire. EMM90:168]
In ox-bow [River Rheidol, near Aberystwyth, Cardiganshire. Female. EMM92:54-64]
In river [River Rheidol, Cardiganshire. EMM92:54-64]
In upland pond [Ystumtuen, Cardiganshire. EMM92:54-64]
Lake [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
In a pond at the edge of a bog [Near Stromness, Orkney. Huxley2003]
Netted [Norfolk Broads. Huxley2003]
Pond and brook [Hatfield Forest NNR, Essex. EMM140:89-96]
Pond [Wolvercote Green, Oxfordshire. BJENH19:251-254]
Shoreline of a mildly brackish lake [Cape Clear Island, West Cork. ERJV86:243]
Pond [Hampstead Heath, Middlesex. PTSLENHS1949-50:36-38]
Among *Glyceria* in a shallow stony pool [Fish-pond, Badminton, Gloucestershire. TSBE5:259-280]
Ponds [Southern England. TSBE16:1-48]
Lake, freshwater marsh [Brownsea Island, Dorset. TSBE18:19-33]
Pools [Arne, Isle of Purbeck, Dorset. TSBE18:19-33]
Ditch [Near Aust, West Gloucestershire. TSBE6:149-180]
Swamp at 1300ft [Challagate Down, South Devon. TSBE6:149-180]
Pools, rhynes and rivers [North Somerset. TSBE8:231-290]

Among the thick flotsam at the margin of a river, just under the surface with their short respiratory tubes in contact with the air, and their raptorial front legs poised in the air like wide-set traps. When the fly *Poecilobothrus nobilatus*, that was running and flitting about over the mats of flotsam, was caught in the legs, they were dragged under the water, buzzing helplessly [River Yeo, near Crook's Peak, North Somerset. Nymphs. TSBE8:231-290]
Weedy pond [Holt Common, Wimborne, Dorset. TSBE9:151-195]
Mud at edges of ditches [Colchester, North Essex. TSBE9:151-195]
Ponds [New Forest, South Hampshire. TSBE9:151-195]
Dredged from a shallow, muddy, weed-grown pool [Isle of Muck, Hebrides. EMM77:240]
Buried in the mud on the border of a pond, with the tips of its anterior legs protruding, gripping a struggling fly [Dulwich. EMM21:20]
In marshes [Braid Hills, near Edinburgh. EMM36:188]
In a canal [Union Canal, near Edinburgh. EMM36:188]
Pond [Bolton-le-Moors. ERJV15:23-24]
Dykes and ponds [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
Bottom of a garden stream [Boxford, Suffolk. HN11:11]
Stream running through a garden [Suffolk. HSGN13:8]
Shallow, well-vegetated lowland water [South-east Northumberland. HSGN3:12]
In the muddy bottom of a mere [Wimbledon Common, Surrey. LondonHets]
In pond [Burgh Heath, Surrey. LondonHets]
In lake reed-beds, becks and tarns [Lake District. Macan1965]
Ditches [Around Yarmouth, Suffolk. SuffolkHets]
In stagnant water [Suffolk. SuffolkHets]
In a mere [Wimbledon Common, Surrey. Prior to 1912. LondonHets]
From a flooded pit [Bird Sanctuary, Dungeness, Kent. Spring 1963. EMM100:81-82]

Ranatra linearis (Linnaeus) (Nepidae)
Away from water [Loughton, Essex. 16 January 1885. Females. PESL1885:iii]
From a canal [Near Byfleet. 11 March 1900. Winged. Ent33:181]
In pool [Rye Meads, Hertfordshire. 24 March 1972. Adult. LondonHets]
Ponds in clay-pits [Corfe Castle, Dorset. 4 April 1936. TSBE9:151-195]
Artificial lake [Braydon Pond, North Wiltshire. 8 April 1936. TSBE6:149-180]
From a pond. In culture, occasionally emerged upon the surface film or climbed up the gauze frame that covered the tank [Epsom Common, Surrey. 15 April 1943. Adults. JSBE2:185-186]
Netting in a water-filled sandpit [Stone, Buckinghamshire. 12 April. ERJV92:227-228]
Cattle pond [Wrotham Park, Hertfordshire. 19 April 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 23 April 1953. Adult. EG7:97-111&157-166&213-223]
In ponds, including a gravel pit pond [Epping Forest. 26 April 1900. Ent33:181]
Weedy pond [Holt Common, Wimborne, Dorset. 29 April 1937. TSBE9:151-195]
In a large ancient pond. Seen swimming rapidly on the surface. In an aquarium they remained below the water surface and were sluggish [Windsor Forest. 1 May 1932. ERJV44:129]
Netted [Felmersham NR, Bedfordshire. 8 May 2000. HN1:3]
Pond netting temporary pools. One seen on the wing, and then crash landing in the water at a pond edge [Churt Flashes, Surrey. 12 May 2000. Adult. BJENH13:243]
Pond [Black Pond, Oxshott. 19 May 1900. Ent33:181]
Walking along the gravel path near a car park [Hen Reedbeds Reserve, near Southwold, Suffolk. 16 May 2004. Adult. HN4:3]
Whilst torching for newts [Ripon College, Harrogate. 17 May 2011. HN17/18:18]
Obtained whilst undertaking a torchlight newt survey of a fishing pond, in the water close to the banks [Goole area, Yorkshire. 24 May 2005. HN5:7]
In pond [Stanmore, Middlesex. 5 June 1983. LondonHets]
On a farm, flying across a field, landing on some black plastic sheeting, then taking off again [Near Needham Market, Suffolk. 7 June 1996. HSGN13:9]
Swimming near the surface of the water of a canal [Byfleet. 10 June. PSLENHS1899:89-92]

At a pool. Seen to fly down to the water. Feigned death when picked up. Walked/flew back to the water when put down on the ground [Blackwater, Vinney Ridge Inclosure, New Forest. 11 June 1925. Ent58:190]
In quarry pond [Ponders End, Middlesex. 17 June 1942. LondonHets]
River edge [Lea Navigation, Hertfordshire. 23 June 1965. Nymphs. LondonHets]
Sweeping a net through the weeds of a small and shallow pool, and seen crawling about in two inches of water free from weeds [Buxted Park, Sussex. 26 June 1941. JSBE2:121-122]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 28 June 1955. Adult. Ent89:188-195]
In the mooring bay of a lake [Stanborough Lake, Hertfordshire. 27 June 1971. Adult. LondonHets]
From masses of water weed pulled out of a pond [Fairwood Lake, Gower Peninsula, Glamorgan. 10 July 1977. Adult. EG43:114]
Artificial lake [Braydon Pond, North Wiltshire. 4 August 1937. TSBE6:149-180]
Lakes [Mill River, near Ipswich, VC25. 5 August 2010. HN16:8]
In grass growing out of a river bank, and in beds of *Callitriche* [Black Bourne River, Euston, West Sussex. 6 August 1993. Nymphs. HSGN13:10]
Clay-pit pool [Near Newton Abbot, South Devon. 18 August 1937. TSBE6:149-180]
Canal [Thrupp, Oxfordshire. 19 August 1940. Adult and nymph. TSBE9:151-195]
From amongst *Ceratophyllum, Nymphaea* and *Sparganium* in slow river [Old River Lea, Cheshunt, Hertfordshire. 18 August 1971. Adult. LondonHets]
In *Sparganium* and *Myriophyllum* [Cadmore Lane Gravel Pit, Cheshunt, Hertfordshire. 18 August 1971. Nymphs. LondonHets]
From a pond [Epsom Common, Surrey. 25 August 1942. Adult and nymphs. JSBE2:185-186]
A weedy habitat [Littlesea, Studland, Dorset. 4 September 1937. TSBE9:151-195]
Pond [Epping Forest, South Essex. 3 September 1940. Adult. TSBE9:151-195]
Canal [Near Farnborough, Surrey. 8 September 1940. Adult and nymph. TSBE9:151-195]
Gravel pit [Colney Heath, Hertfordshire. 20 September 1947. LondonHets]
Cattle pond [Wrotham Park, Hertfordshire. 20 September 1953. Adults. EG7:97-111&157-166&213-223]
In cattle pond [Wrotham Park, Enfield, Middlesex. 20 September 1957. Adults. LondonHets]
Seen in flight, making a loud rustling sound, landing in a river and slowly swimming towards the bank [River Great Ouse, near St Ives, Huntingdonshire. 16 September 1992. HN2:2]
On *Eleocaris* [Hanmer Mere, Denbighshire (VC50). 19 September 2005. HN6:14]
Pond dipping [Throxenby Mere, NE Yorkshire. 18 September. HN10:10]
Artificial lake [Braydon Pond, North Wiltshire. 3 November 1935. TSBE6:149-180]
Pond [Goldings Wood, Haileybury, Hertfordshire. 8 November 1938. LondonHets]
In a pond in a field [Tostock, Suffolk. October 1901. SuffolkHets]
In a pond [Bushey Park, near Kingston-upon-Thames. 1899. Ent33:181]
Pond [Richmond Park, Surrey. August 1934. Adults. JSBE3:158-173]
Water netting peaty areas [Near Barton Turf, Norfolk. August 1934. EMM71:18]
In a pool [Near Weston-super-Mare, Somerset. September 1935. EMM72:19-20]
In a pool [Buxted Park, Sussex. June 1941. JSBE2:185-186]
In a lake [Buxted Park, Sussex. July 1941. Including nymphs. JSBE2:185-186]
Pond [Earls Path, Epping Forest, Essex. June 1951. LondonHets]
In an old drainage canal [The Flats, near Kidwelly, Carmarthenshire. August 1961. EMM97:200]
In ponds [Bopeep and Guestling. 1879-1880. Ent15:286-287]
Swept in flight [Hickling Broad, Norfolk. 1970s. HN6:7]
Pond [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
In a pond [Castle Fields, Reigate. April 1879. Ent15:286-287]
Away from water [Loughton, Essex. January. Females. Butler1923]
Out of a pool [Near Epping, Essex. June 1790. Nymph. EMM61:253-257]
In a river [River Ouse at St Neots, Bedfordshire. EMM91:120]
In a pond [Great Drakelow Pond, Woburn, Bedfordshire. EMM91:120]
Lake [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
Seen flying [Suffolk. BJENH13:243]
Seen taking to the wing [South Wales. PTBENHS20:162]

In a drainage canal, covered by a mat of *Potamogeton natans* and with *Sparganium ramosum* at the edges [Kidwelly, Carmarthenshire. ERJV72:97-100]
Ponds/canals [Southern England. TSBE16:1-48]
Pool [Near Worle, North Somerset. TSBE8:231-290]
In a rhyne [Tickenham Moor, North Somerset. TSBE8:231-290]
In a bog [Near Clare Priory, Suffolk. EMM61:253-257]
In ponds. Seem swimming rapidly over the surface of the water. In an aquarium it is sluggish and remains submerged [Windsor Forest. EMM72:210-219]
At 2000ft [Chader Idris, Merionethshire. EMM82:63]
In clay pits [Lee. EMM3:25-27]
In a pond [Esher. Nymph. EMM3:25-27]
In gravel pits [Epping. EMM3:68]
Ovipositing into floating leaf of *Alisma*; and in healthy and half decayed stems of *Alisma*. Bred *Prestwichia aquatica* from eggs [Near Epping Forest. Including pair *in copula*. EMM36:161]
From a canal [Bathampton Canal, near Bath. EMM51:220]
Eggs laid part way through a leaf [Epping. Male and female. ERJV12:223]
From a pool. In an aquarium preyed on small fish [Isleworth/Wandsworth. Ent11:119-120]
Eggs laid part way through a leaf [Epping. Male and female. PESL1900:xii]
Dykes and ponds [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
Seen in flight [Britain. BJENH32:16]
Covered with red water-mite parasites, *Hydrachna globosa* [Epping. Butler1923]
During torchlight surveys of Great Crested Newts, and in newt bottle traps [Cheshire. HN15:9]
Ponds [Near Market Weighton Canal (Broomfleet/Oxmardyke), SE Yorkshire. HN3:6]
Breeding in several ponds [Market Weighton Canal washlands, SE Yorkshire. HN5:6]
Swimming in sea water [Wells, Norfolk. HN6:6]
Ponds and lakes [Suffolk. HSGN13:10]
Covered with the red mite parasite *Hydrobia globosa* [Essex. LondonHets]
In ponds [Wandsworth and Hammersmith. Synopsis1875]
In clay bottom of pond [Wandsworth Common, Surrey. Prior to 1833. LondonHets]
Pond [Earlswood Common, Surrey. Prior to 1867. LondonHets]

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as *Nepa cinerea* APSLENHS1887:92, BJENH19:251-254, BJENH32:239-240, Butler1923, CornwallHets, D&S1865, EG2:258, EG20:105-117, EG20:125-135, EG40:39-41, EG43:114, EG60:37-71, EG7:97-111&157-166&213-223, EMM100:81-82, EMM100:88-90, EMM110:132, EMM114:163-165, EMM117:35-46, EMM121:125-126, EMM129:60, EMM14:165-167, EMM14:29-31, EMM140:247-250, EMM140:89-96, EMM143:207-212, EMM21:20, EMM26:81-82, EMM29:35-37, EMM35:49-53, EMM36:188, EMM48:187-189, EMM53:112-113, EMM61:253-257, EMM62:267, EMM63:41-42, EMM68:231-232, EMM69:234-245, EMM77:101-104, EMM77:240, EMM80:75, EMM81:183-185, EMM84:125-127, EMM85:249-253, EMM85:253, EMM88:206, EMM89:284-285, EMM90:168, EMM92:150-153, EMM92:54-64, EMM94:26-31, EMM95:155, EMM97:32-33, Ent27:222, Ent32:167, Ent36:318-319, Ent39:154-157, Ent47:146-147, Ent59:178, Ent89:223-231, Ent90:167-177, Ent91:15-19, Ent94:149-150, ERJV100:181-183, ERJV15:23-24, ERJV86:243, GloucsHets, HantsHets, Hem1:102, Hem1:13, Hem1:60, Hem1:61, Hem2:19, Hem2:37, Hem3:11, Hem3:36, Hem3:37, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:139, Hem4:34, Hem4:79, Hem4:92, Hem5:11, Hem5:112, Hem5:126, Hem5:142, Hem5:171, Hem5:199, Hem5:209, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:75, Hem5:98, Hem6:191, HN1:3, HN11:11, HN12:18, HN15:9, HN17/18:25, HN19/20:8, HN3:8, HN4:6, HN7:17, HN8:12, HN9:3, HSGN1:13, HSGN1:17, HSGN12:10, HSGN13:13,

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Ranatra linearis (Linnaeus) (Nepidae)
as *R. linearis* EMM81:253-273
as *Ran. linearis* EMM91:7-27
as *Ranatra* HN5:8, PESL1885:iii
as *Ranatra linearis* BJENH13:243, BJENH32:16, Butler1923, CornwallHets, D&S1865, EG43:114, EG60:37-71, EG7:97-111&157-166&213-223, EMM114:163-165, EMM117:35-46, EMM135:161-167, EMM21:238, EMM29:191-192, EMM3:25-27, EMM3:68, EMM36:161, EMM44:275, EMM51:220, EMM60:39, EMM61:253-257, EMM65:91-93, EMM69:234-245, EMM71:18, EMM72:19-20, EMM72:210-219, EMM82:63, EMM84:125-127, EMM84:185, EMM91:120, EMM92:150-153, EMM94:26-31, EMM97:200, Ent11:119-120, Ent12:142-145, Ent15:286-287, Ent21:323, Ent32:3-8, Ent33:181, Ent33:230, Ent33:253, Ent39:154-157, Ent58:190, Ent89:188-195, Ent90:167-177, ERJV1:114-116, ERJV12:223, ERJV3:21, ERJV44:129, ERJV72:97-100, ERJV92:227-228, GloucsHets, HantsHets, Hem1:102, Hem1:13, Hem1:60, Hem1:61, Hem2:19, Hem2:37, Hem3:11, Hem3:48, Hem3:81, Hem4:109, Hem4:12, Hem4:129, Hem4:139, Hem4:34, Hem4:79, Hem4:92, Hem5:11, Hem5:112, Hem5:126, Hem5:153, Hem5:199, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:75, Hem5:98, Hem6:191, HN1:3, HN10:10, HN11:17, HN12:18, HN12:19, HN15:9, HN16:8, HN17/18:18, HN17/18:25, HN2:2, HN23:11, HN23:12, HN3:6, HN3:8, HN4:3, HN4:9, HN5:6, HN5:7, HN6:14, HN6:6, HN6:7, HN7:15, HN7:16, HN7:17, HN8:14, HN8:15, HN9:10, HSGN13:10, HSGN13:13, HSGN13:9, Huxley2003, JSBE2:121-122, JSBE2:185-186, JSBE3:158-173, LondonHets, Macan1965, PESL1885:iii, PESL1900:xii, PSLENHS1899:89-92, PSLENHS1900:15-16, PSLENHS1900:6-10, PSLENHS1900:77-78, PSLENHS1901:11-14, PSLENHS1926-27:11-23, PSLENHS1931-32:55, PTBENHS20:162, PTSLENHS1934-35:8, PTSLENHS1948-49:10, PTSLENHS1952-53:31, PTSLENHS1962:123-183, S&L1959, Saunders1892, Savage1989, SuffolkHets, Synopsis1875, TRESL92:417-452, TSBE1:51-84, TSBE10:1-44, TSBE11:245-280, TSBE16:1-48, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290, TSBE9:151-195
as *Rhanatra linearis* HN6:7

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively.

Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Nepa cinerea* Linnaeus (Nepidae)**

Common name. The Water Scorpion.

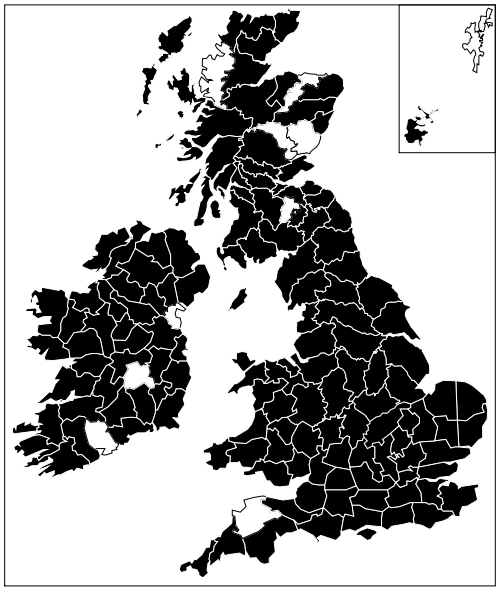
First report. D&S1865 as *Nepa cinerea*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from canal, river (n), pool (w,n), pond (w,n), lake (w,n), garden (n), stream (n), brick pit, canal (n), ditch (n), dyke (n), marsh, field, brackish water, lough, mere, bog (n), gravel pit, lake reed-bed, beck, tarn, ox-bow, spring, clay pit, meadow, moorland (n), peat cuttings, brook, quarry, cliffs near coast, *Sphagnum* bog, rhynes, swamp at 1300ft, swampy margin of a lake (n). Taken from flood debris collected from a river (n), *Glyceria* in a shallow stony pool, weeds dragged from a pond, amongst watercress in the shallows of a river (n), bottom of a garden stream, damp mud of floor of a dried-up pond (w), green water of farm pond, roots of fallen willow at river margin, muddy bottom of a mere, thick weeds at edge of streamlet in a meadow, mud at edges of ditches. Taken by netting, dredging a shallow, muddy, weed-grown pool and muddy ditch, mercury vapour moth trap in a garden, dredging up from near the roots of rushes in a loch (n), dredging up or on surface of the mud under dead leaves in a garden pond (n), pitfall trap in *Nardus stricta* grassland six metres from the edge of a pond, under stone in stream in chalk-pit. Among the thick flotsam at the margin of a river, just under the surface with their short respiratory tubes in contact with the air, and their raptorial front legs poised in the air like wide-set traps; when the fly *Poecilobothrus nobilatus*, that was running and flitting about over the mats of flotsam, was caught in the legs, they were dragged under the water, buzzing helplessly (n). Seen buried in the mud on the border of a pond, with the tips of its anterior legs protruding, gripping a struggling fly. Seen eating a worm in an effluent lagoon. Seen with 27 Hydrachnid parasites attached. Seen to climb out of a garden pond at night and probe into cracks and crevices of a paving slab. Seen predating beetle *Nebria brevicollis* under log on floodplain. Seen under logs on river bank; one caught, held and predated a carabid beetle *Nebria brevicollis* (w).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February			1		1	
March		3	1	1	1	
April	1	2		4	3 N	2
May	6	4	5 N	3	4	2
June	6	4 N		5	3	7
July	3	3	2 N	N	2 N	2 N
August	10 N	5 N	7 N	1 N	7 N	4 N
September	2 N	2 N	2 N	2	9 N	1 N
October	2 N	4	2	1		
November	1		2	1 N		
December		1				

No habitus images are available.

***Ranatra linearis* (Linnaeus) (Nepidae)**

Common name. The Water Stick Insect.

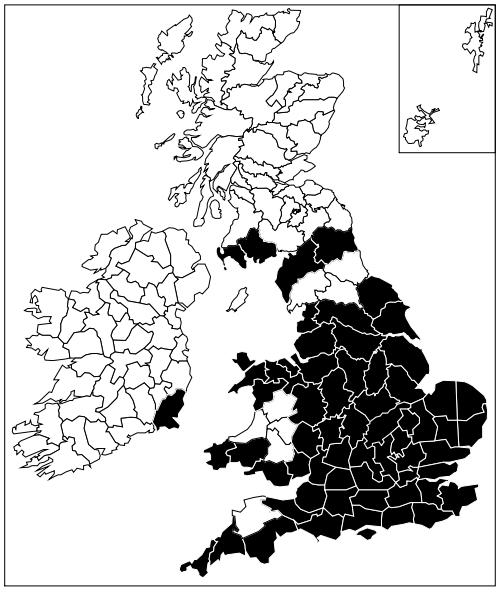
First report. D&S1865 as *Ranatra linearis*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from lake (n), at 2000ft, pool (w,n), canal (w,n), clay pit, pond (n), dyke, river, gravel pit, bog, field, rhyne, quarry, sand pit, river edge (n), peaty areas. Taken from *Ceratophyllum*, *Nymphaea* and *Sparganium* in slow river, masses of water weed pulled out of a pond, clay bottom of pond, grass growing out of a river bank (n), beds of *Callitriche* (n), *Sparganium* and *Myriophyllum* (n), *Eleocaris*. Taken by netting, torchlight newt survey, newt bottle traps, sweeping a net through the weeds of a pool, sweeping in flight. Seen to fly down to the water of a pool; feigned death when picked up; walked/flew back to the water when put down on the ground. Found away from water (w). Seen covered with red water-mite parasites, *Hydrachna globosa*. Eggs laid part way through a leaf. In culture, occasionally emerged upon the surface film or climbed up the gauze frame that covered the tank. In an aquarium preyed on small fish. Seen swimming rapidly on the surface of a pond. In an aquarium they remained below the water surface and were sluggish. Seen flying across a field on a farm, landing on some black plastic sheeting, then taking off again. Ovipositing into floating leaf of *Alisma*; and in healthy and half decayed stems of *Alisma*. Bred *Prestwichia aquatica* from eggs. Seen on the wing, and then crash landing in the water at a pond edge. Seen in flight, making a loud rustling sound, landing in a river and slowly swimming towards the bank. Seen crawling about in two inches of water free from weeds. Seen swimming in sea water, and near the surface of the water of a canal. Seen walking along the gravel path near a car park.



	1-5	6-10	11-15	16-20	21-25	26-
January				1		
February						1
March			2		1	1
April	2	1	2	2	2	2
May	3	2	2	6	2	1
June	1	4	3	1	N	5
July	1 N	3	N	N		N
August	2	1 N		4 N	1 N	
September	3	2 N	1	6		
October			2			
November	1	1				
December				1		

No habitus images are available.

A REVIEW OF THE PUBLISHED RECORDS FOR THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES: (35) THE FAMILY NAUCORIDAE

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Introduction

This is the 35th part of the review of the records of Hemiptera-Heteroptera in the British Isles published in the specialist entomological literature, which covers the Naucoridae, up to the end of 2019. The scope, objectives and method of this work are set out in the Introduction (first part) of the review (Hem7:1-5). The vice-county records for the bugs have already been presented elsewhere in this journal, and are summarised in the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The remaining results of the review are given below, which are limited to records explicitly stated as being from the British Isles. These results comprise a list of all the heximonth records, that is records dated with sufficient precision to be assigned to a specific heximonth (Hem5:52-68); and a list of all the detailed records, that is, records that are not limited to date and location and refer to other aspects of the species' natural history. Duplicate records, the same record published in different articles, are excluded, with only the original record included. There is also a complete bibliography of all the references consulted in this part of the review. These are grouped by the names used in the literature, and thereby provide a synonymy for each species, for those sources listed in the Introduction. There is no reference list, instead references are cited in-line using the method of abbreviation described in the Introduction. Records which refer to ambiguous species names (Hem2:4-8, Hem3:15-17, Hem5:14-15 & Hem5:114-118) are listed separately, under a heading marked 'AMBIGUOUS'. The article is concluded with a tabulated summary of the results of the review, which excludes ambiguous records.

What is not stated in this review (the 'gaps') is arguably just as important as what is stated, which hopefully will provide an impetus to future research on the Hemiptera-Heteroptera in these islands. Consequently, I would be grateful to hear from any reader who has information which is new to that collected in this review, and who would be willing to publish it.

Heximonth records

Ilyocoris cimicoides (Linnaeus) (Naucoridae)

01D: 18 January 1953 [Dyrham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223]

01F: 30 January 1933 [River Lymington, Brockenhurst, South Hampshire. TSBE6:149-180] 28 January 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223]

02D: 19 February 1939 [Roundings Pond, Haileybury, Hertfordshire. Nymph. LondonHets]

02E: 22 February 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 21 February 2004 [East coast of Essex. EMM141:193-196]

02F: 28 February 2004 [East coast of Essex. EMM141:193-196]

03A: 5 March 1907 [Epping Forest, Essex. LondonHets]

03B: 9 March 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 9 March 1997 [The Pells, near Lewes, East Sussex. BJENH10:225]

03C: 11 March 1917 [Richmond Park, Surrey. LondonHets]

03E: 25 March 1907 [Epping Forest, Essex. LondonHets] 22 March 1952 [Wimbledon Common, Surrey. LondonHets] 23 March 1952 [Epping Forest, Essex. LondonHets]

03F: 29 March 1950 [Barnet, Hertfordshire. LondonHets] 26 March 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 26 March 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 31 March 1960 [Bookham Common, Surrey. LondonHets] 27 March 2005 [Woolmer Pond, North Hampshire. Female. HN6:7]

04A: 4 April 1931 [Bookham. PSLENHS1931-32:55] 2 April 1938 [Bookham Common, Surrey. LondonHets] 5 April 1947 [Filbro' Marshes, near Gravesend, Kent. LondonHets] 3 April 1953

[South Mimms, Middlesex. LondonHets] 1 April 1873 [Glanvilles Wootton, Dorset. EMM84:125-127] 5 April 1874 [Middlemarsh, Dorset. EMM84:125-127]

04B: 8 April 1936 [Braydon Pond, North Wiltshire. TSBE6:149-180] 10 April 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 10 April 1954 [Bentley Heath, Enfield, Middlesex. LondonHets] 7 April 1996 [Seasalter, Kent. EMM141:193-196] 7 April [Stone, Buckinghamshire. ERJV92:227-228] 8 April 1898 [Hither Green Lane, Lee, Kent. LondonHets]

04C: 11 April 1919 [Hanwell, Middlesex. LondonHets] 12 April 1952 [Stew Ponds, Epsom Common, Surrey. LondonHets] 12 April 1954 [Romney Marsh, Kent. Adult. EMM95:143] 14 April 1954 [Wrotham Park, near Barnet, Hertfordshire. Adult. Ent89:188-195] 14 April 1973 [Cliffe Marshes, Kent. PTBENHS6:111-112] 15 April 1892 [Epping, Essex. LondonHets]

04D: 20 April 1937 [Hatchet Pond, near Beaulieu, Hampshire. TSBE6:149-180] 19 April 1939 [Stew Ponds, Epsom Common, Surrey. LondonHets] 17 April 1949 [Hadley Green, Barnet, Hertfordshire. LondonHets] 16 April 1950 [Stew Ponds, Epsom Common, Surrey. LondonHets] 19 April 1953 [Wrotham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 19 April 1953 [Dyrham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 19 April 1953 [South Mimms, Middlesex. LondonHets] 17 April 1962 [Hoddesdon, Hertfordshire. LondonHets] 18 April 1999 [Sandhurst Brickpits, Gloucestershire. GloucsHets] 19 April 2005 [Alver Valley, near Gosport, South Hampshire. HN6:7]

04E: 24 April 1916 [Epping Forest, Essex. Eggs. LondonHets] 25 April 1935 [Stanmore, Middlesex. LondonHets] 23 April 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 22 April 1972 [Hertford Heath, Hertfordshire. LondonHets] 24 April 1897 [Hither Green Lane, Lee, Kent. LondonHets]

04F: 28 April 1951 [Bookham Common, Surrey. LondonHets] 26 April 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 27 April 1960 [Hoddesdon, Hertfordshire. LondonHets] 29 April 1966 [Stew Ponds, Epsom Common, Surrey. LondonHets]

05A: 1 May 1930 [Blackwater, North Hampshire. TSBE6:149-180] 1 May 1933 [Midhurst, West Sussex. TSBE6:149-180] 4 May 1947 [Byfleet. PTSLENHS1947-48:60-61] 3 May 1952 [Hampton Court Long Water. Adult. EMM89:107] 3 May 1953 [Chessington, Surrey. LondonHets] 4 May 1953 [Wrotham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 4 May 1953 [South Mimms, Middlesex. LondonHets] 2 May 1965 [Higham Marshes, Kent. PTSLENHS1965:56-57]

05B: 6 May 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 6 May 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 10 May 1953 [Dyrham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 10 May 1962 [Broxbourne Meads, Hertfordshire. LondonHets] 7 May 1874 [Hayling Island, South Hampshire. EMM84:125-127]

05C: 12 May 1934 [Stratford-on-Avon, Warwickshire. TSBE6:149-180] 12 May 1938 [Haileybury, Hertfordshire. LondonHets]

05D: 19 May 1900 [Oxshott. PSLENHS1900:6-10] 18 May 1901 [Oxshott. PSLENHS1901:11-14] 17 May 1953 [Dyrham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 17 May 1953 [Dyrham Park, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 19 May 1953 [Mimms Wash Stream, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 19 May 1953 [Wrotham Park, Enfield, Middlesex. LondonHets] 16 May 2000 [Poors Allotment, Gloucestershire. GloucsHets]

05E: 22 May 1971 [Wrotham Park, Enfield, Middlesex. LondonHets]

05F: 26 May 1940 [Roundings Pond, Haileybury, Hertfordshire. Nymph. LondonHets] 27 May 1950 [Hampstead Heath, Middlesex. EMM87:130]

06A: 4 June 1944 [Totteridge, Hertfordshire. LondonHets]

06B: 10 June 1911 [Loughton, Epping Forest, Essex. Nymph. LondonHets] 8 June 1938 [Haileybury, Hertfordshire. LondonHets] 9 June 1940 [Roundings Pond, Haileybury, Hertfordshire. Nymph. LondonHets]

06C: 12 June 1949 [Wicken Fen, Cambridgeshire. Females and nymphs. EMM85:311-312]

06E: 22 June 1933 [Madingley, Cambridgeshire. TSBE6:149-180]

06F: 30 June 1940 [Roundings Pond, Haileybury, Hertfordshire. Nymph. LondonHets] 28 June 1955 [Wrotham Park, near Barnet, Hertfordshire. Nymphs. Ent89:188-195] 29 June 1998 [New Grounds, Slimbridge, Gloucestershire. GloucsHets] 29 June 2004 [Bude Canal, Cornwall. CornwallHets]
07A: 1 July 1961 [Benfleet, Essex. PTSLENHS1961:81-82]
07B: 6 July 1934 [Near Pevensey, East Sussex. TSBE6:149-180]
07C: 14 July 1940 [Roundings Pond, Haileybury, Hertfordshire. Adult. LondonHets]
07E: 21 July 1952 [West End Common, Surrey. LondonHets] 23 July 2005 [Otmoor, Oxfordshire. BJENH19:257-262]
07F: 29 July 1950 [Bookham. PTSLENHS1950-51:75-76] 31 July 1995 [Rother Valley Country Park, SW Yorkshire. HN7:15]
08A: 2 August 1933 [Grand Junction Canal, near Slough, Buckinghamshire. TSBE6:149-180] 3 August 1937 [Near Badminton Park, West Gloucestershire. TSBE6:149-180] 4 August 1937 [Braydon Pond, North Wiltshire. TSBE6:149-180] 5 August 1940 [Epping Forest, South Essex. Nymphs. TSBE9:151-195] 1 August 1961 [Benfleet, Essex. LondonHets] 2 August 1992 [North Pond, opposite Ashleworth Quarry, Gloucestershire. GloucsHets] 5 August 2010 [Mill River, near Ipswich, VC25. HN16:8]
08B: 10 August 1930 [Near Folkestone, East Kent. TSBE6:149-180] 7 August 1937 [Near Devizes Barracks, South Wiltshire. TSBE6:149-180] 10 August 1937 [Hatchet Pond, near Beaulieu, Hampshire. TSBE6:149-180]
08C: 14 August 1934 [Dauntsey, North Wiltshire. TSBE6:149-180] 12 August 2000 [Wigpool Common, Gloucestershire. GloucsHets]
08D: 20 August 1936 [Chudleigh Knighton Heath, South Devon. TSBE6:149-180] 18 August 1937 [Near Newton Abbot, South Devon. TSBE6:149-180] 19 August 1937 [Chudleigh Knighton Heath, South Devon. TSBE6:149-180] 16 August 1949 [Hampstead Heath, Middlesex. EMM85:253] 18 August 1971 [Hookes Marsh, Cheshunt, Hertfordshire. Nymphs. LondonHets] 18 August 1971 [Old River Lea, Cheshunt, Hertfordshire. Nymphs. LondonHets]
08E: 25 August 1953 [Hadley Green, Hertfordshire. Nymph. EG7:97-111&157-166&213-223] 25 August 1953 [Hadley Green, Hertfordshire. Nymph. EG7:97-111&157-166&213-223] 22 August 1971 [Rye Meads, Hertfordshire. LondonHets]
08F: 26 August 1933 [Dauntsey, North Wiltshire. TSBE6:149-180] 29 August 1996 [Ashleworth Ham, Gloucestershire. GloucsHets] 31 August 1996 [Near Frampton Pill, River Severn, Gloucestershire. GloucsHets]
09A: 3 September 1930 [Bath, North Somerset. TSBE6:149-180] 2 September 1940 [Roundings Pond, Haileybury, Hertfordshire. Adult. LondonHets] 3 September 1940 [Epping Forest, South Essex. Nymphs. TSBE9:151-195] 5 September 1951 [Hadley Green, Barnet, Hertfordshire. LondonHets] 3 September 2000 [Coombe Hill Canal, Gloucestershire. Adults and nymphs. GloucsHets]
09B: 10 September 1910 [Loughton, Epping Forest, Essex. Adult. LondonHets] 10 September 1929 [Hartlebury, Worcestershire. TSBE6:149-180] 8 September 1940 [Near Farnborough, Surrey. Male. TSBE9:151-195] 9 September 1949 [Little Sea, Studland, Dorset. Ent87:45-53]
09C: 11 September 1911 [Loughton, Epping Forest, Essex. Adult and nymph. LondonHets] 11 September 1935 [Near Aust, West Gloucestershire. TSBE6:149-180] 11 September 1935 [Stroudwater Canal at Frampton, Gloucestershire. GloucsHets] 15 September 1940 [Near Aldershot, North Hampshire. Female and nymph. TSBE9:151-195] 13 September 1997 [Lightmoor Works, Gloucestershire. Nymph. GloucsHets]
09D: 18 September 1931 [Grand Western Canal, Halberton, Devon. TSBE6:149-180] 19 September 1937 [Totteridge, near Barnet, Hertfordshire. TSBE6:149-180] 20 September 1953 [Dyrham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 20 September 1953 [Mimms Wash Stream, South Mimms, Hertfordshire. Adult and nymph. EG7:97-111&157-166&213-223] 20 September 1953 [Dyrham Park, Hertfordshire. Adults and nymph. EG7:97-111&157-166&213-223] 20 September 1953 [Wrotham Park, Enfield, Middlesex. LondonHets] 19 September 1983 [Mitcham Common, Surrey. LondonHets] 19 September 1998 [Swillbrook Lakes Reserve, Gloucestershire. GloucsHets]

09E: 25 September 1930 [West Sedgemoor, South Somerset. TSBE6:149-180] 21 September 1932 [Aynho Station, Northamptonshire. TSBE6:149-180] 25 September 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Adult. EG7:97-111&157-166&213-223] 25 September 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 25 September 1964 [Epping, Essex. LondonHets]
09F: 27 September 1946 [Higham Marshes, Kent. LondonHets] 29 September 1951 [Bookham Common, Surrey. LondonHets] 27 September 1960 [Neston, The Wirral, Cheshire. Ent95:26] 27 September 2008 [Otmoor, Oxfordshire. BJENH22:209-212]
10A: 5 October 1952 [Dartford Marshes, Kent. LondonHets]
10B: 7 October 1940 [Near Hertford Heath, Hertfordshire. Male and female. TSBE9:151-195]
10C: 14 October 1920 [Brickfield, Eastleigh. HN16:3] 11 October 1947 [Epping Forest, Essex. LondonHets] 11 October 1953 [Dyrham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 11 October 1953 [Mimms Wash Stream, South Mimms, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 11 October 1953 [Wrotham Park, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 15 October 1958 [Abbey Wood Marshes, Kent. LondonHets] 14 October 1970 [Maple Cross, Hertfordshire. LondonHets] 13 October 1897 [Hither Green Lane, Lee, Kent. LondonHets]
10D: 16 October 1897 [Hither Green Lane, Lee, Kent. LondonHets]
10E: 23 October 1960 [South Benfleet, Essex. PTSLENHS1960:30-31] 22 October 1967 [Mitcham Common, Surrey. Adults. LondonHets] 21 October 1968 [Wisley, Surrey. LondonHets] 22 October 1830 [Holwell, Somerset. EMM84:125-127]
10F: 29 October 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223] 30 October 1970 [Hadley Green, Barnet, Hertfordshire. LondonHets] 30 October 1970 [River Colne, Colney Heath, Hertfordshire. LondonHets] 30 October 2001 [Kent. EMM141:193-196]
11A: 3 November 1935 [Braydon Pond, North Wiltshire. TSBE6:149-180]
11C: 12 November 1944 [Bookham Common, Surrey. Adult. LondonHets]
11E: 22 November 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223]
12C: 13 December 1953 [Hadley Green, Hertfordshire. Adults. EG7:97-111&157-166&213-223]
12D: 20 December 1912 [Chingford, Epping Forest, Essex. LondonHets]

Naucoris maculatus Fabricius (Naucoridae)
09C: 11 September 2004 [Samphire Hoe, near Dover, VC15. Adults and nymphs. EMM141:193-196]
09F: 29 September 2004 [Samphire Hoe, near Dover, VC15. Adults and nymphs. EMM141:193-196]

Detailed records

Ilyocoris cimicoides (Linnaeus) (Naucoridae)
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 18 January 1953. Adults. EG7:97-111&157-166&213-223]
River [River Lymington, Brockenhurst, South Hampshire. 30 January 1933. TSBE6:149-180]
Pond [Hadley Green, Hertfordshire. 28 January 1953. Adults. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 22 February 1953. Adults. EG7:97-111&157-166&213-223]
Coastal waters [East coast of Essex. 21 February 2004. EMM141:193-196]
Coastal waters [East coast of Essex. 28 February 2004. EMM141:193-196]
Pond [Hadley Green, Hertfordshire. 9 March 1953. Adults. EG7:97-111&157-166&213-223]
Seen in flight and landing on the water surface of a dyke [The Pells, near Lewes, East Sussex. 9 March 1997. BJENH10:225]
Pond [Richmond Park, Surrey. 11 March 1917. LondonHets]
Pond [Hadley Green, Hertfordshire. 26 March 1953. Adults. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 26 March 1953. Adults. EG7:97-111&157-166&213-223]
Flying in and alighting on wet sand at a lake edge; and flying out over a lake [Woolmer Pond, North Hampshire. 27 March 2005. Female. HN6:7]

In stagnant water [Bookham Common, Surrey. 2 April 1938. LondonHets]
In ditch [Filbro' Marshes, near Gravesend, Kent. 5 April 1947. LondonHets]
In pond [South Mimms, Middlesex. 3 April 1953. LondonHets]
Artificial lake [Braydon Pond, North Wiltshire. 8 April 1936. TSBE6:149-180]
From pond [Bentley Heath, Enfield, Middlesex. 10 April 1954. LondonHets]
Small water-bodies near the shore [Seasalter, Kent. 7 April 1996. EMM141:193-196]
Water-filled sandpit [Stone, Buckinghamshire. 7 April. ERJV92:227-228]
In pond [Hanwell, Middlesex. 11 April 1919. LondonHets]
From a dyke [Romney Marsh, Kent. 12 April 1954. Adult. EMM95:143]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 14 April 1954. Adult. Ent89:188-195]
Marsh [Cliffe Marshes, Kent. 14 April 1973. PTBENHS6:111-112]
Pool in heathland [Hatchet Pond, near Beaulieu, Hampshire. 20 April 1937. TSBE6:149-180]
Cattle pond [Wrotham Park, Hertfordshire. 19 April 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Dyrham Park, Hertfordshire. 19 April 1953. Adults. EG7:97-111&157-166&213-223]
Under stones in a stream [South Mimms, Middlesex. 19 April 1953. LondonHets]
Lake [Hoddesdon, Hertfordshire. 17 April 1962. LondonHets]
Seen in flight over a pond [Alver Valley, near Gosport, South Hampshire. 19 April 2005. HN6:7]
Pond [Hadley Green, Hertfordshire. 23 April 1953. Adults. EG7:97-111&157-166&213-223]
In overgrown roadside pond [Hertford Heath, Hertfordshire. 22 April 1972. LondonHets]
In pond [Bookham Common, Surrey. 28 April 1951. LondonHets]
Pond [Hadley Green, Hertfordshire. 26 April 1953. Adult. EG7:97-111&157-166&213-223]
In gravel pit pool [Hoddesdon, Hertfordshire. 27 April 1960. LondonHets]
Pond [Blackwater, North Hampshire. 1 May 1930. TSBE6:149-180]
Pond [Midhurst, West Sussex. 1 May 1933. TSBE6:149-180]
In pond [Byfleet. 4 May 1947. PTSLENHS1947-48:60-61]
Peritrich ciliate Protozoa *Opercularia notonectae* on the legs [Hampton Court Long Water. 3 May 1952. Adult. EMM89:107]
Cattle pond [Wrotham Park, Hertfordshire. 4 May 1953. Adult. EG7:97-111&157-166&213-223]
Under stones in a stream [South Mimms, Middlesex. 4 May 1953. LondonHets]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 6 May 1953. Adults. EG7:97-111&157-166&213-223]
Pond [Dyrham Park, Hertfordshire. 10 May 1953. Adult. EG7:97-111&157-166&213-223]
In gravel pit [Broxbourne Meads, Hertfordshire. 10 May 1962. LondonHets]
Canal [Stratford-on-Avon, Warwickshire. 12 May 1934. TSBE6:149-180]
Garden pond [Haileybury, Hertfordshire. 12 May 1938. LondonHets]
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 17 May 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Dyrham Park, Hertfordshire. 17 May 1953. Adult. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, Hertfordshire. 19 May 1953. Adult. EG7:97-111&157-166&213-223]
In cattle pond [Wrotham Park, Enfield, Middlesex. 19 May 1953. LondonHets]
Pond [Hampstead Heath, Middlesex. 27 May 1950. EMM87:130]
Pond [Haileybury, Hertfordshire. 8 June 1938. LondonHets]
Brick-pits [Madingley, Cambridgeshire. 22 June 1933. TSBE6:149-180]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 28 June 1955. Nymphs. Ent89:188-195]
From a marsh [Benfleet, Essex. 1 July 1961. PTSLENHS1961:81-82]
Ditches [Near Pevensey, East Sussex. 6 July 1934. TSBE6:149-180]
Beneath dried *Sphagnum* in dried-up pond [West End Common, Surrey. 21 July 1952. LondonHets]
Netted from dykes [Otmoor, Oxfordshire. 23 July 2005. BJENH19:257-262]
Fish-pond [Near Badminton Park, West Gloucestershire. 3 August 1937. TSBE6:149-180]
Artificial lake [Braydon Pond, North Wiltshire. 4 August 1937. TSBE6:149-180]
Pond [Epping Forest, South Essex. 5 August 1940. Nymphs. TSBE9:151-195]
Lakes [Mill River, near Ipswich, VC25. 5 August 2010. HN16:8]

Pond [Near Folkestone, East Kent. 10 August 1930. TSBE6:149-180]
Canal [Near Devizes Barracks, South Wiltshire. 7 August 1937. TSBE6:149-180]
Pool in heathland [Hatchet Pond, near Beaulieu, Hampshire. 10 August 1937. TSBE6:149-180]
Silt-pond [Dauntsey, North Wiltshire. 14 August 1934. TSBE6:149-180]
Pools [Chudleigh Knighton Heath, South Devon. 20 August 1936. TSBE6:149-180]
Clay-pit pool [Near Newton Abbot, South Devon. 18 August 1937. TSBE6:149-180]
Pools [Chudleigh Knighton Heath, South Devon. 19 August 1937. TSBE6:149-180]
Pond [Hampstead Heath, Middlesex. 16 August 1949. EMM85:253]
Gravel pit, in *Eleocharis* and green spindle algae [Hookes Marsh, Cheshunt, Hertfordshire. 18 August 1971. Nymphs. LondonHets]
In river [Old River Lea, Cheshunt, Hertfordshire. 18 August 1971. Nymphs. LondonHets]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Nymph. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 August 1953. Nymph. EG7:97-111&157-166&213-223]
Pool [Rye Meads, Hertfordshire. 22 August 1971. LondonHets]
Silt-pond [Dauntsey, North Wiltshire. 26 August 1933. TSBE6:149-180]
In shallow pool [Ashleworth Ham, Gloucestershire. 29 August 1996. GloucsHets]
Old fleet behind river bank [Near Frampton Pill, River Severn, Gloucestershire. 31 August 1996. GloucsHets]
Canal [Bath, North Somerset. 3 September 1930. TSBE6:149-180]
Pond [Epping Forest, South Essex. 3 September 1940. Nymphs. TSBE9:151-195]
In pond [Hadley Green, Barnet, Hertfordshire. 5 September 1951. LondonHets]
Brick-pit [Hartlebury, Worcestershire. 10 September 1929. TSBE6:149-180]
Canal [Near Farnborough, Surrey. 8 September 1940. Male. TSBE9:151-195]
Bog at edge of freshwater lake on the coast [Little Sea, Studland, Dorset. 9 September 1949. Ent87:45-53]
Brick-works pool near the sea [Near Aust, West Gloucestershire. 11 September 1935. TSBE6:149-180]
Canal [Near Aldershot, North Hampshire. 15 September 1940. Female and nymph. TSBE9:151-195]
In pond [Lightmoor Works, Gloucestershire. 13 September 1997. Nymph. GloucsHets]
Roadside pool [Totteridge, near Barnet, Hertfordshire. 19 September 1937. TSBE6:149-180]
Pond [Dyrham Park, Hertfordshire. 20 September 1953. Adults. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, South Mimms, Hertfordshire. 20 September 1953. Adult and nymph. EG7:97-111&157-166&213-223]
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 20 September 1953. Adults and nymph. EG7:97-111&157-166&213-223]
In cattle pond [Wrotham Park, Enfield, Middlesex. 20 September 1953. LondonHets]
In ponds [Mitcham Common, Surrey. 19 September 1983. LondonHets]
Ditches [West Sedgemoor, South Somerset. 25 September 1930. TSBE6:149-180]
Pond [Aynho Station, Northamptonshire. 21 September 1932. TSBE6:149-180]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Adult. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 25 September 1953. Adults. EG7:97-111&157-166&213-223]
In village pond [Epping, Essex. 25 September 1964. LondonHets]
In dyke [Higham Marshes, Kent. 27 September 1946. LondonHets]
From a pond [Neston, The Wirral, Cheshire. 27 September 1960. Ent95:26]
Pond netted from dykes [Otmoor, Oxfordshire. 27 September 2008. BJENH22:209-212]
In dyke [Dartford Marshes, Kent. 5 October 1952. LondonHets]
Woodland pond [Near Hertford Heath, Hertfordshire. 7 October 1940. Male and female. TSBE9:151-195]
From small pond [Brickfield, Eastleigh. 14 October 1920. HN16:3]
Overgrown ornamental pond [Dyrham Park, Hertfordshire. 11 October 1953. Adults. EG7:97-111&157-166&213-223]
Stream [Mimms Wash Stream, South Mimms, Hertfordshire. 11 October 1953. Adults. EG7:97-111&157-166&213-223]

Cattle pond [Wrotham Park, Hertfordshire. 11 October 1953. Adults. EG7:97-111&157-166&213-223]
In dyke with thick vegetation [Abbey Wood Marshes, Kent. 15 October 1958. LondonHets]
In old flooded gravel pit [Maple Cross, Hertfordshire. 14 October 1970. LondonHets]
Pond floor near bank, covered with detritus [Mitcham Common, Surrey. 22 October 1967. Adults. LondonHets]
In mere [Wisley, Surrey. 21 October 1968. LondonHets]
Pond [Hadley Green, Hertfordshire. 29 October 1953. Adults. EG7:97-111&157-166&213-223]
In pond [Hadley Green, Barnet, Hertfordshire. 30 October 1970. LondonHets]
In river [River Colne, Colney Heath, Hertfordshire. 30 October 1970. LondonHets]
In coastal gravel pits [Kent. 30 October 2001. EMM141:193-196]
Artificial lake [Braydon Pond, North Wiltshire. 3 November 1935. TSBE6:149-180]
In pond [Bookham Common, Surrey. 12 November 1944. Adult. LondonHets]
Pond [Hadley Green, Hertfordshire. 22 November 1953. Adults. EG7:97-111&157-166&213-223]
Pond [Hadley Green, Hertfordshire. 13 December 1953. Adults. EG7:97-111&157-166&213-223]
In brackish ditches [Bawdsey, Suffolk. 1891. SuffolkHets]
In pond [Hampstead Heath, Middlesex. 1949. LondonHets]
From ponds [Hadley Green, Barnet, Hertfordshire. 1953. LondonHets]
From a stagnant field ditch [Near Flatford Mill, Suffolk/Essex. 1963. EMM100:88-90]
From ponds on post-industrial land [Allerton Bywater, West Yorkshire. 2001. BJENH16:209-219]
Pond [High Beach, Epping Forest, Essex. September 1916. LondonHets]
Water netting a cattle pond [Patching Pond, near Ferring-on-sea. August 1932. EMM69:21]
Pond [Richmond Park, Surrey. August 1934. Adults. JSBE3:158-173]
Water netting [Tuddenham/Barton Mills, Suffolk. April 1935. EMM71:141-142]
In a pool [Near Weston-super-Mare, Somerset. September 1935. EMM72:19-20]
Pool in *Sphagnum* bog [Arne, near Wareham, Dorset. August 1936. TSBE6:149-180]
Sphagnum pools [Studland Heath, Dorset. August 1936. TSBE6:149-180]
In an old drainage canal [The Flats, near Kidwelly, Carmarthenshire. August 1961. EMM97:200]
In a shallow, mildly brackish lagoon [RSPB Saltholme reserve, VC66. October 2011. Adults and nymphs. HN19/20:12]
In a food sample collected from nestling Herons [Wytham, Berkshire. 1952-1956. EMM92:384]
Large pond [Dyrham Park, near Barnet, Hertfordshire. 1953-1954. Ent88:66-67]
Large pond [Wrotham Park, near Barnet, Hertfordshire. 1953-1954. Ent88:66-67]
Large sewer dyke, with considerable flow and wave action [Walland Marsh, near Brookland, Kent. 1953-1954. Ent88:66-67]
Artificial water body, mere and ponds [Stanford Training Area, Norfolk Breckland. 1976-1977. EMM117:35-46]
Pond netting ditch/pond [Rye Meads NR, Hertfordshire. 1996-1997. EMM135:161-167]
In ponds [Tostock, Suffolk. August. SuffolkHets]
In marsh dykes and ditches [Cheshunt, Hertfordshire. Before 1957. LondonHets]
In pond [Sanderstead, Surrey. c1913. LondonHets]
In a shallow micro-habitat composed of dead leaves from an oak tree [Hadley Common, Hertfordshire. EMM90:168]
In a canal [Somerton, Oxfordshire. Ent91:15-19]
Lake [Brownsea Island, Poole Harbour, Dorset. EG60:37-71]
Ponds [Hatfield Forest NNR, Essex. EMM140:89-96]
Unpolluted ditches with low flow rates [Kent. BJENH22:209-212]
In an artificial pond [Folkestone Gardens, Deptford, West Kent. ERJV112:182-183]
Pond [Hampstead Heath, Middlesex. PTSLENHS1949-50:36-38]
Among *Glyceria* in a shallow stony pool [Fish-pond, Badminton, Gloucestershire. TSBE5:259-280]
Ponds [Southern England. TSBE16:1-48]
Heathland pools and marshy ground [Studland, Isle of Purbeck, Dorset. TSBE18:19-33]
Canal [Stroudwater Canal, Frampton, West Gloucestershire. TSBE6:149-180]

Amongst thick aquatic vegetation near the coast, in rivers, lead mine pool, brick-pit pool [North Somerset. TSBE8:231-290]
In a canal [Bath, North Somerset. TSBE8:231-290]
A weedy habitat [Littlesea, Studland, Dorset. TSBE9:151-195]
Ponds [Colchester, North Essex. TSBE9:151-195]
Ponds [New Forest, South Hampshire. TSBE9:151-195]
From a river [River Yare, above Reedham, Norfolk Broads. EMM64:158-159]
From a river [River Ant, Norfolk Broads. EMM64:158-159]
In gravel pits [Epping. EMM3:68]
In a pond [Castle Fields, Reigate. Ent15:286-287]
Pool [Kenfig, Glamorgan. TRESL124:343-363]
Dykes and ponds [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
One specimen escaped the net by flying back to the pond when the catch was being sorted [Near Brookland, Romney Marsh, Kent. Ent90:167-177]
Seen in flight [Britain. BJENH32:16]
From a puddle on a school playground [Suffolk. Dead. HSGN13:10]
In muddy ponds and stagnant canals, lying flat upon the bottom amidst dense vegetation [South of England. S&L1959]
Ditches [Around Yarmouth, Suffolk. SuffolkHets]
Ponds [Earlswood Common, Surrey. Prior to 1867. LondonHets]
Pond [Wake Valley Pond, Epping Forest, Essex. Prior to 1923. LondonHets]

Naucoris maculatus Fabricius (Naucoridae)
In freshwater pools on the coast, in and around submerged vegetation and in marginal vegetation [Samphire Hoe, near Dover, VC15. 11 September 2004. Adults and nymphs. EMM141:193-196]

Bibliography

Ilyocoris cimicoides (Linnaeus) (Naucoridae)
as *I. cimicoides* EMM81:253-273
as *Ily. cimicoides* EMM114:163-165, EMM91:7-27
as *Ilycoris cimicoides* EMM95:143, Ent91:15-19, ERJV112:182-183
as *Ilyocoris cimicoides* BJENH10:225, BJENH16:209-219, BJENH18:209, BJENH18:219-223, BJENH19:257-262, BJENH21:184, BJENH22:209-212, BJENH32:16, CornwallHets, EG20:125-135, EG60:37-71, EG7:97-111&157-166&213-223, EMM100:109-110, EMM100:88-90, EMM117:35-46, EMM135:161-167, EMM140:89-96, EMM141:193-196, EMM80:75, EMM82:66, EMM84:125-127, EMM84:236, EMM85:253, EMM85:311-312, EMM87:130, EMM89:107, EMM90:168, EMM92:150-153, EMM92:384, EMM97:200, Ent38:173-178, Ent87:45-53, Ent88:66-67, Ent89:188-195, Ent89:223-231, Ent90:167-177, Ent95:26, ERJV92:227-228, GloucsHets, Hem1:102, Hem1:13, Hem1:60, Hem1:61, Hem2:19, Hem2:37, Hem3:11, Hem3:48, Hem3:81, Hem4:109, Hem4:113, Hem4:117, Hem4:12, Hem4:139, Hem4:35, Hem4:79, Hem4:93, Hem5:11, Hem5:112, Hem5:126, Hem5:142, Hem5:153, Hem5:171, Hem5:199, Hem5:22, Hem5:33, Hem5:47, Hem5:66, Hem5:75, Hem5:98, Hem6:192, HN12:18, HN14:2, HN16:3, HN16:8, HN17/18:25, HN19/20:12, HN3:2, HN3:9, HN4:2, HN4:6, HN5:8, HN6:7, HN7:12, HN7:15, HN7:18, HN8:13, HN8:14, HSGN13:10, HSGN13:13, HSGN14:5, Huxley2003, JSBE3:158-173, LondonHets, Macan1965, PTBENHS6:111-112, PTSLENHS1947-48:60-61, PTSLENHS1949-50:36-38, PTSLENHS1950-51:75-76, PTSLENHS1960:30-31, PTSLENHS1961:81-82, PTSLENHS1962:123-183, PTSLENHS1965:56-57, S&L1959, Savage1989, TRESL112:173-220, TRESL124:343-363, TSBE10:1-44, TSBE11:245-280, TSBE16:1-48, TSBE18:19-33, TSBE9:151-195
as *Ilyocoris cimicoidia* Ent90:167-177
as *Naucoris cimicoides* Butler1923, D&S1865, EG7:97-111&157-166&213-223, EMM14:29-31, EMM26:81-82, EMM3:68, EMM61:253-257, EMM62:267, EMM64:158-159, EMM69:21,

EMM69:234-245, EMM71:141-142, EMM72:19-20, EMM84:125-127, Ent15:286-287, Ent21:323, Ent59:84-85, Ent75:165-166, ERJV1:114-116, ERJV15:134, HantsHets, PSLENHS1900:6-10, PSLENHS1901:11-14, PSLENHS1931-32:55, Saunders1892, SuffolkHets, Synopsis1875, TRESL88:119-138, TRESL92:417-452, TSBE1:51-84, TSBE5:259-280, TSBE6:149-180, TSBE8:169-230, TSBE8:231-290

Naucoris maculatus Fabricius (Naucoridae)

as *Naucoris maculata* Ent38:173-178, HN5:8

as *Naucoris maculatus* BJENH18:209, BJENH25:205-215, EMM141:193-196, EMM142:229-234, Hem1:13, Hem1:60, Hem1:61, Hem3:11, Hem4:113, Hem4:117, Hem4:12, Hem4:121, Hem4:139, Hem4:79, Hem5:11, Hem5:112, Hem5:153, Hem6:192, HN14:2, HN3:10, HN3:2, HN4:2, HN7:12, HN7:17, HN7:18, HSGN3:A1

Tabulated summaries

On the following pages are summaries of the results of this review for each of the species in scope. The common name is that used in the literature consulted; or has been created from aspects of the species natural history. The first report is the first mention of the species in the literature consulted, starting at D&S1865. The ambiguities, if they occur, refer to the ambiguous species names of Hem2:4-8, Hem3:15-17, Hem5:14-15 and Hem5:114-118. The geographical distribution is based upon records published elsewhere in this journal; and is shown as a map from the latest interim release of the Vice-county Distribution and Atlas (*https://sites.google.com/site/BritishHetBugAtlas*). The presence of a vice-county record is shown with a black fill, and the absence with a white fill. The seasonal distribution is based on the heximonth records listed above and is shown as a calendar. The presence of an adult record is shown with a black fill, and the absence with a white fill, with a figure representing the number of distinct records in the above list. The existence of nymph and egg records is shown by the letters 'N' and 'E', respectively, without a figure. Heximonth records are assumed to be adult unless explicitly stated otherwise. The other details is a narrative constructed from the detailed records listed above. Aspects of the narrative which include records for nymphs or eggs are marked '(n)' or '(e)', respectively. Those that include winter records (which I define as 1st January to 31st March) are marked '(w)'. Habitus photographs of the species are included, where available.

***Ilyocoris cimicoides* (Linnaeus) (Naucoridae)**

Common name. The Common Saucerbug.

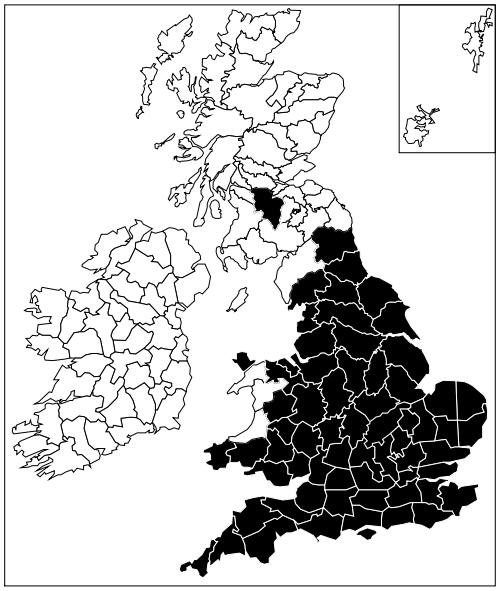
First report. D&S1865 as *Naucoris cimicoides*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from pool, coast (w), stream (n), river (w,n), lead mine, brick pit, lake, mere, pond (w,n), bog, canal (n), clay pit, ditch, dyke, brackish lagoon (n), marsh, field, post-industrial land, garden, gravel pit, heathland, woodland, sand pit, *Sphagnum* bog, sewer dyke. Taken from *Glyceria* in a shallow stony pool, aquatic vegetation near the coast, beneath dried *Sphagnum* in dried-up pond, puddle on a school playground, *Eleocharis* and green spindle algae in gravel pit (n), a food sample collected from nestling Herons, a shallow micro-habitat composed of dead leaves from an oak tree, pond floor near bank covered with detritus, under stones in a stream. Taken by netting. Seen flying in and alighting on wet sand at a lake edge; and flying out over a lake (w). Seen in flight and landing on the water surface of a dyke (w). Seen lying flat upon the bottom amidst dense vegetation in muddy ponds and stagnant canals. Escaped the net by flying back to the pond when the catch was being sorted. Peritrich ciliate protozoan *Opercularia notonectae* on the legs.



	1-5	6-10	11-15	16-20	21-25	26-
January				1		2
February				N	2	1
March	1	2	1		3	5
April	6	6	6	10	4 E	4
May	8	5	2	7	1	1 N
June	1	1 N	1 N		1	2 N
July	1	1	1		2	2
August	6 N	3	2	4 N	1 N	3
September	4 N	4	4 N	8 N	6	4
October	1	1	8	1	4	4
November	1		1		1	
December			1	1		

***Naucoris maculatus* Fabricius (Naucoridae)**

Common name. The Lesser Saucerbug.

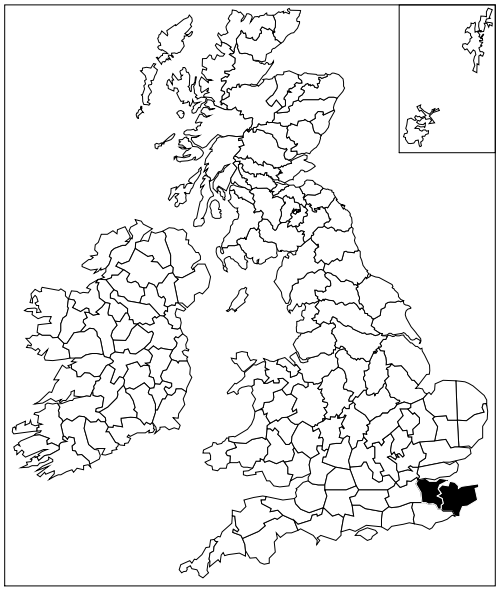
First report. EMM141:193-196 as *Naucoris maculatus*.

Ambiguities. None reported.

Geographical distribution. See vice-county map opposite.

Seasonal distribution. See heximonth calendar opposite.

Other details. Reported from freshwater pools on the coast, in and around submerged vegetation and in marginal vegetation (n).



	1-5	6-10	11-15	16-20	21-25	26-
January						
February						
March						
April						
May						
June						
July						
August						
September			1 N			1 N
October						
November						
December						

No habitus images are available.

HARPOCERA THORACICA (FALLÉN) (HEMIPTERA: MIRIDAE) NEW TO STIRLINGSHIRE (VC86)

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Fifteen specimens of this species (all male) were recently sent to me by Ian Tillotson from a light trap of the Rothamsted Insect Survey (*https//insectsurvey.com*), at Rowardennan, Stirlingshire (Grid Reference NS378960), dated 15 May 2024. This record is new to the Vice-County Distribution and Atlas of The Hemiptera-Heteroptera (Ryan, 2019).

Other recent records of Heteroptera from the Survey in Scotland are as follows.

Rowardennan (NS378960), Stirlingshire (VC86)

Elasmostethus interstinctus (Linnaeus) (Acanthosomatidae) 10 August 2023, 20 August 2023 and 5 September 2024.
Pentatoma rufipes (Linnaeus) (Pentatomidae) 15 July 2018 and 10 August 2023.

Braemar (NO095899), South Aberdeenshire (VC92)

Elasmostethus interstinctus (Linnaeus) (Acanthosomatidae) 13 May 2024.
Pentatoma rufipes (Linnaeus) (Pentatomidae) 9 August 2023.

Ian also sent me a specimen of *Acanthosoma haemorrhoidale* (Linnaeus) (Acanthosomatidae) from the light trap at Tregaron (SN687618), Cardiganshire (VC46) dated 21 January 2025, a time of year this species might be expected to be tucked-up for the winter in leaf litter or moss.

Reference

Ryan, R. P. 2019. The vice-county distribution and atlas of the Hemiptera-Heteroptera of the British Isles. *Hemipterist* **6**: 1-210.

NEW VICE-COUNTY RECORDS OF HEMIPTERA-HETEROPTERA

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I recently sent an Excel spreadsheet containing 675 records of Hemiptera-Heteroptera to Rob Ryan, which he checked against the Distribution and Atlas (Ryan, 2019). The data set was found to contain 12 new vice-county records, which I list below. All were recorded and determined by myself.

Eurygaster testudinaria (Geoffroy) (Scutelleridae)
VC53: 01/06/24, sandhills, near Whisby Nature Park, South Lincolnshire.
Arenocoris waltlii (Herrich-Schaeffer) (Coreidae)
VC27: 26/4-13/5/2024, pitfall trap, Pheasant Walk Sandpits, Earsham Estate, East Norfolk.
Eremocoris fenestratus (Herrich-Schaeffer) (Lygaeidae)
VC25: 15/02/24, in moss, Corton, East Suffolk.

Metopoplax fuscinervis Stål (Lygaeidae)
VC28: 29/07/24, Peacock's Farm, Feltwell, West Norfolk.
Raglius alboacuminatus (Goeze) (Lygaeidae)
VC27: 27/02/24, dung heap, Marsh Farm, Earsham, East Norfolk.
Parapiesma quadratum (Fieber) (Piesmatidae)
VC53: 07/09/24, saltmarsh, Kirton Marsh NR, South Lincolnshire.
Xylocoris cursitans (Fallén) (Anthocoridae)
VC55: 14/11/24, under bark of stacked logs, Burley Wood SSSI, Leicestershire (with Rutland).
Closterotomus trivialis (A. Costa) (Miridae)
VC27: 23/05/24 & 12/07/24, Whitwell Common, East Norfolk.
Europiella decolor (Uhler) (Miridae)
VC53: 07/09/24, saltmarsh, Kirton Marsh NR, South Lincolnshire.
Heterotoma planicornis (Pallas) (Miridae)
VC68: 15/08/24, Ross Links, Cheviot, North Northumberland.
Orthotylus ericetorum (Fallén) (Miridae)
VC100: 23/08/24, Glen Sannox, Arran, Clyde Isles.
Stenodema laevigata (Linnaeus) (Miridae)
VC100: 22/08/24, Lamlash Bay, Arran, Clyde Isles, sweeping etc. along road verge and wetland habitat at upper shore.

Reference

Ryan, R. P. 2019. The vice-county distribution and atlas of the Hemiptera-Heteroptera of the British Isles. *Hemipterist* **6**: 1-210.

SOUTHERN GREEN SHIELDBUG *NEZARA VIRIDULA* LINNAEUS (HEMIPTERA: PENTATOMIDAE) AS A PRESUMED IMPORT IN ABERDEENSHIRE

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On 19 June 2024, an adult Southern Green Shieldbug *Nezara viridula* was floating dead on the surface of our garden pond in Portsoy, Aberdeenshire (grid reference: NJ590658; Vice County: 94, Banffshire). The pond had been excavated in the earlier months of the year. It was lined in April and quickly filled with water during heavy rain that month. Two days prior to this discovery, two regular bags of supermarket salad watercress had been emptied into the pond, due to its reported beneficial effects on water quality. The watercress had been bought from Asda, Garthdee, Aberdeen but, by time of discovery of the shieldbug, the packaging had been discarded so no further details of the source could be checked. Shardlow & Taylor (2004) describe the establishment of Southern Green Shieldbug in southern Britain, following a series of adventive records, and list watercress as one of the crops on which this shieldbug may reach high numbers in warm areas. It therefore seems likely that the watercress was the source of the Portsoy record and it is not known if it was dead or alive upon arrival at Portsoy.

Bantock (2018) reported that Southern Green Shieldbug was first recorded breeding in Britain in 2003 and showed records mainly from the London area. Records from further north, and especially from Scotland, are likely to be imports. The record reported here has been entered to iRecord, which shows three further Scottish records (iRecord, 2024). These comprise three adults in Irvine in December 2018, that were found inside a rear light unit of a car that had been assembled in Romania (Smart, 2019), a nymph at Sandwick, Orkney in August 2019 reported as “presumably from imported veg” and an adult in May 2020 that was found dead in a punnet of grapes at Kirkwall, Orkney. Additionally, the NBN Atlas (NBN Trust 2024) reports a further record, in 2007 from Clarkston, East Renfrewshire, that

was described as having been found “on dinnerplate under lettuce”. Whilst this species clearly now has a track record of occurrence in Scotland, all records to date seem to be obvious imports of adventive individuals and no breeding records have yet been documented.

References

Bantock, T. 2018. Provisional Atlas of Shieldbugs and Allies. *https://www.britishbugs.org.uk/Provisional_atlas_of_shieldbugs_and_allies_2018.pdf.*

iRecord 2024. *https://irecord.org.uk/*. Accessed 7 November 2024.

NBN Trust 2024. The National Biodiversity Network (NBN) Atlas. *https://ror.org/00mcxye41*. Accessed 7 November 2024.

Shardlow, M. E. A. & Taylor, R. 2004. Is the Southern Green Shield Bug, *Nezara viridula* (L.) (Hemiptera: Pentatomidae) another species colonising Britain due to climate change? *British Journal of Entomology and Natural History* **17 (3)**: 143-146.

Smart, G. 2019. Free Movement of Bugs from the EU! *Glasgow Natural History Society Newsletter*, February 2019. *https://www.gnhs.org.uk/newsletter/GNHS%20Newsletter%201%20Feb%202019.pdf.*

FIGURE 1. Southern Green Shieldbug *Nezara viridula*, Portsoy, Aberdeenshire, 19 June 2024. Photo: Nick Littlewood.

CORRECTION. Due to a clumsy mistake on my part, a new vice-county record listed in the last issue (*Hemipterist* **11**: 279-283) is incorrect. '*Stephanitis rhododendri* Horváth (Tingidae): East Cornwall (VC2) (Taylor, 2024)' should be *Stephanitis takeyai* Drake & Maa for that vice-county. This has been corrected in the Vice-county Atlas. R. P. RYAN, *38 St John Street, Oxford, UK, OX1 2LH, RobRyanBugs@gmail.com.*

A LATE CORRECTION. In the article 'All four *Notonecta* L. (Hemiptera: Notonectidae) in one pool, and *Aquarius paludum* (F.) (Hemiptera: Gerridae) too' (Ryan, R. P. 2014. *British Journal of Entomology and Natural History* **27**:25-26), the date in the final paragraph of '22.viii.2009' for *Aquarius paludum* should be '22.ix.2009'. This was noted at the time, but a correction does not appear to have been stated in the publishing journal. It is therefore corrected here. R. P. RYAN, *38 St John Street, Oxford, UK, OX1 2LH, RobRyanBugs@gmail.com.*

ADDITIONS FOR MORAY (VC95) IN THE ATLAS OF THE HEMIPTERA-HETEROPTERA OF THE BRITISH ISLES. My bug hunting in the vicinity of Grantown-on-Spey during the summer of 2024 identified three species not currently noted for Moray in the Atlas of the Hemiptera-Heteroptera of the British Isles. The trio of additions are: *Orthotylus adenocarpi* (Perris) (Miridae), spotted on common broom on 25 July 2024 (NJ032294); *Troilus luridus* (Fabricius) (Pentatomidae), seen on birch in nymphal form on 3 August 2024 (NJ037262); and *Apolygus spinolae* (Meyer-Dür) (Miridae), on wild-growing raspberry, also on 3 August 2024 (NJ030281). JOE GRAY, *joegray.uk@gmail.com*.

RECENT RECORD OF *NOTOCHILUS LIMBATUS* FIEBER (HEMIPTERA: LYGAEIDAE) FROM THE NEW FOREST. A female was suction sampled from an open south facing seepage mire at Turfhill (SU1917) on 22 May 2025. Ants in the vicinity included *Myrmica sulcinodis* Nylander and *Formica picea* Nylander (Hymenoptera: Formicidae). This may be the first record from the Forest since 1961 when it was taken near Gritnam (SU281065). JONTY DENTON, *31 Thorn Lane, Four Marks, Hants GU34 5BX*.

NEW VICE-COUNTY RECORDS PUBLISHED IN OTHER JOURNALS

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The following records for Hemiptera-Heteroptera published in journals other than the *Hemipterist* are new to the Vice-county Distribution and Atlas (Ryan, 2019), and will be included in the next interim release.

Physatocheila smreczynskii China (Tingidae): West Cornwall with Scilly (VC1) (Alexander, 2025).
Reduvius personatus (Linnaeus) (Reduviidae): North Hampshire (VC12) (Edmonds, 2025).
Loricula distinguenda (Reuter) (Microphysidae): East Cornwall (VC2) (Alexander, 2024).

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SIGARA IACTANS JANSSON (HEMIPTERA: CORIXIDAE) IN WALES

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Sigara iactans Jansson was only described as a species recently (Jansson, 1983) when Jansson analysed specimens from Northern Central Europe and the west coast of the Caspian Sea. It seemed to make its way across Europe, being found in 1988 in a sandpit near Midwolda, Netherlands (Cuppen 1988) and then a first in England in 2005 from Snettisham on the North Norfolk coast by Sheila Brooke and Bernard Nau (Brooke, 2005). Tracking the records, it has now been making its way gradually across England in a northerly, southerly and westerly direction.

According to Ryan (2019) it has not been found in Wales, and the most westerly record was from Derbyshire (VC53). According to the NBN Gateway, that is now the repository for all the iRecord verified records and the Aquatic Hemiptera Recording Scheme data set, there are records as far west in England as Cheshire (VC58) and Herefordshire (VC36), as follows.

27 July 2019, Will Watson from Kenchester Pond 7, SO43854238, VC36.
9 September 2020, Will Watson from Stockley Farm - The Cot South Pond, SO37866152, VC36.
2020, Ms. F. J. Riding from Alderford Lake, SJ548395, VC53.
5 October 2021, Giles King-Salter from Cannon Bridge North Pond, SO43254084, VC36.
14 October 2024, David Bentley from Wilmslow Park, SJ85748111, VC36 (who also mentioned that there could be 2023 record from Cheshire Zoo, VC36 that hasn't been verified yet).

On 4 April 2025 Kevin Rowley, Richard Vandersteen and Jeff Blincow were surveying the ponds around the Parc Menai Business Park, that hosts the local Environmental Offices for North Wales (Cofnod), and took *Sigara iactans* from two lakes, as follows.

SH54306972, 4 April 2025, Pond 5. This was a muddy duck lake with some reed edges, some Alders and an area with a cobble stone base. The cobbles had algae on them and some leaf litter. Two females and one male were found.
SH545698, 4 April 2025, Pond 1. Two males were found from in front of the offices. This had more vegetation, with weed mats and a grassy margin, but it was more silty just off the margins.

Six weeks later the group were back with the Coleopterist Society who had arranged a field trip in North Wales. As well as visiting some of their sites, a visit was also arranged to RSPB Cors Ddyga which had some fantastic habitat. Many male, female and juvenile *Sigara iactans* were found in the field ditches, as follows.

SH45697251, 28 May 2025, Cors Ddyga Central Ditch. This was a grazing marsh area that had not only the marginal ditches but also scrapes and ditches within the field area that were a fantastic breeding ground for juvenile crustaceans and corixids. Some areas were bare earth and others with grasses and sedges growing through. *Sigara iactans* was found amongst *Sigara dorsalis*, *Sigara lateralis*, *Corixa punctata*, *Corixa panzeri*, *Callicorixa praeusta* and *Sigara falleni*. There were also *Chartoscirta cincta* and *Saldula opacula* (Hemiptera: Saldidae) on the muddy edges. In the reedbed adjacent, the water beetle *Acilius canaliculatus* (Nicolai) (Coleoptera: Dytiscidae) was found, the second record for Wales and the first for Anglesey.

Discussion

The identification of *Sigara iactans* is tricky but not difficult. Identification focus needs to be on what maybe male *Sigara falleni* and the palae checked very carefully from many angles. The habitat is not always in the best areas as they prefer mainly nutrient-poor, vegetation-poor still waters, sometimes with low pH values; often as a pioneer species (Strauss & Neidringhaus, 2014). This article now extends

the range of *Sigara iactans* across to North Wales, and probably expanding into South Wales, northwards through Cheshire and Lincolnshire, and also along the south coast. So, plenty of opportunity for more range expansion to be documented.

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